website:http://biz.LGservice.com
e-mail:http://www.LGEservice.com/techsup.html

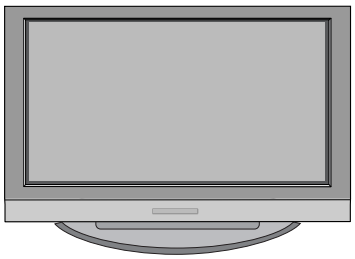
PLASMA TV
SERVICE MANUAL

CHASSIS : PP62A

MODEL : 42PC3R

42PC3R-ZH

CAUTION
BEFORE SERVICING THE CHASSIS,
READ THE SAFETY PRECAUTIONS IN THIS MANUAL.



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SCHEMATIC DIAGRAM.....

SAFETY PRECAUTIONS

IMPORTANT SAFETY NOTICE

Many electrical and mechanical parts in this chassis have special safety-related characteristics. These parts are identified by ⚠ in the Schematic Diagram and Replacement Parts List.
It is essential that these special safety parts should be replaced with the same components as recommended in this manual to prevent X-RADIATION, Shock, Fire, or other Hazards.
Do not modify the original design without permission of manufacturer.

General Guidance

An **isolation Transformer should always be used** during the servicing of a receiver whose chassis is not isolated from the AC power line. Use a transformer of adequate power rating as this protects the technician from accidents resulting in personal injury from electrical shocks.

It will also protect the receiver and it's components from being damaged by accidental shorts of the circuitry that may be inadvertently introduced during the service operation.

If any fuse (or Fusible Resistor) in this monitor is blown, replace it with the specified.

When replacing a high wattage resistor (Oxide Metal Film Resistor, over 1W), keep the resistor 10mm away from PCB.

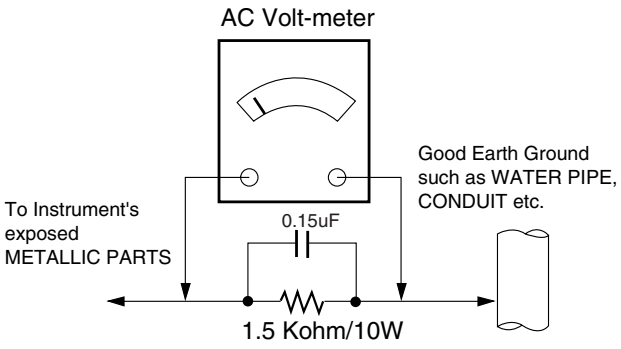
Keep wires away from high voltage or high temperature parts.

Due to high vacuum and large surface area of picture tube, extreme care should be used in **handling the Picture Tube**. Do not lift the Picture tube by it's Neck.

Leakage Current Cold Check(Antenna Cold Check)
With the instrument AC plug removed from AC source, connect an electrical jumper across the two AC plug prongs. Place the AC switch in the on position, connect one lead of ohm-meter to the AC plug prongs tied together and touch other ohm-meter lead in turn to each exposed metallic parts such as antenna terminals, phone jacks, etc.
If the exposed metallic part has a return path to the chassis, the measured resistance should be between 1MΩ and 5.2MΩ.
When the exposed metal has no return path to the chassis the reading must be infinite.
An other abnormality exists that must be corrected before the receiver is returned to the customer.

Leakage Current Hot Check (See below Figure)
Plug the AC cord directly into the AC outlet.
Do not use a line Isolation Transformer during this check.
Connect 1.5K/10watt resistor in parallel with a 0.15uF capacitor between a known good earth ground (Water Pipe, Conduit, etc.) and the exposed metallic parts.
Measure the AC voltage across the resistor using AC voltmeter with 1000 ohms/volt or more sensitivity.
Reverse plug the AC cord into the AC outlet and repeat AC voltage measurements for each exposed metallic part. Any voltage measured must not exceed 0.75 volt RMS which is corresponds to 0.5mA.
In case any measurement is out of the limits specified, there is possibility of shock hazard and the set must be checked and repaired before it is returned to the customer.

Leakage Current Hot Check circuit



DESCRIPTION OF CONTROLS

POWER	Switches the set on from standby or off to standby.
TV INPUT	Returns from **AV1**, **AV2**, **S-Video2**, **AV3**, **AV4**(except 42PC3RV*), **Component**, **RGB**, **HDMI1**/**DVI** or **HDMI 2** to the TV mode. Switches the set on from standby.
INPUT	If you press the button once, the input source OSD will appear on screen as shown. Press the ▲ / ▼ button and then **OK** button to select the desired input source (**TV**, **AV1**, **AV2**, **S-Video2**, **AV3**, **AV4**(except 42PC3R*), **Component**, **RGB**, **HDMI1**/**DVI** or **HDMI 2**).

ARC	Selects your desired picture format.
Brightness adjustment	Adjusts screen brightness. It returns to the default settings brightness by changing mode source.
Coloured buttons	These buttons are used for teletext (only **TELETEXT** models) or **Programme edit**.

PIP	Switches the sub picture PIP, DW, POP or off mode.
SIZE	Adjusts the sub picture size.
POSITION	Moves the sub picture.
PIP PR - /+	Selects a programme for the sub picture.
SWAP	Exchanges the main/sub images in PIP/Twin picture mode.
PIP INPUT	Selects the input source for the sub picture in PIP/Twin picture mode.

VCR/DVD control buttons	Controls some video cassette recorders or DVD players when you have already selected DVD or VCR mode button.

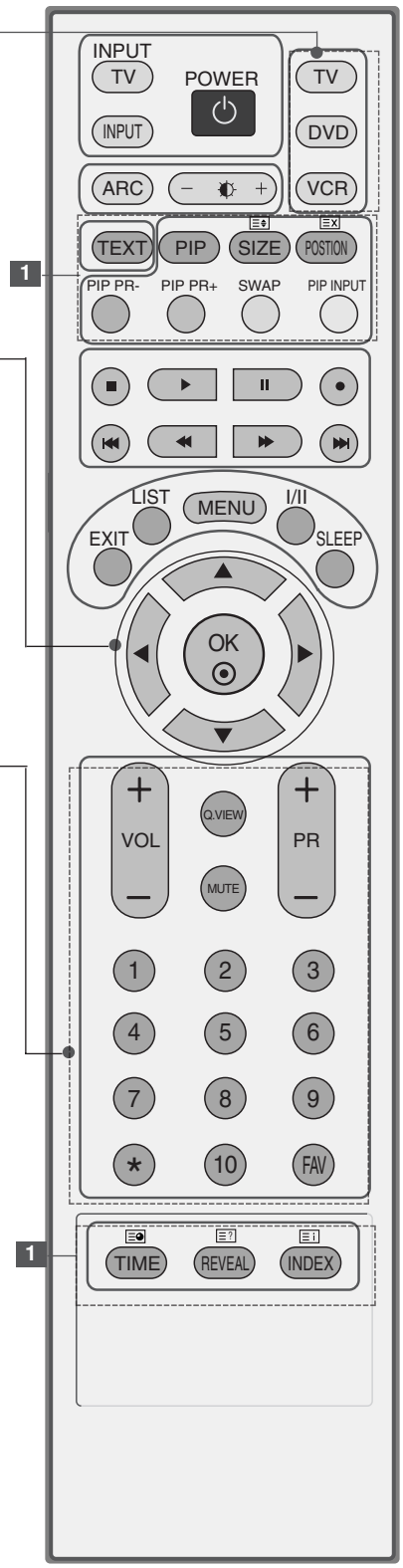
EXIT	Clears all on-screen displays and returns to TV viewing from any menu.
LIST	Displays the programme table.
MENU	Selects a menu.
I/II	Selects the sound output.
SLEEP	Sets the sleep timer.

MODE	Selects the remote operating modes.

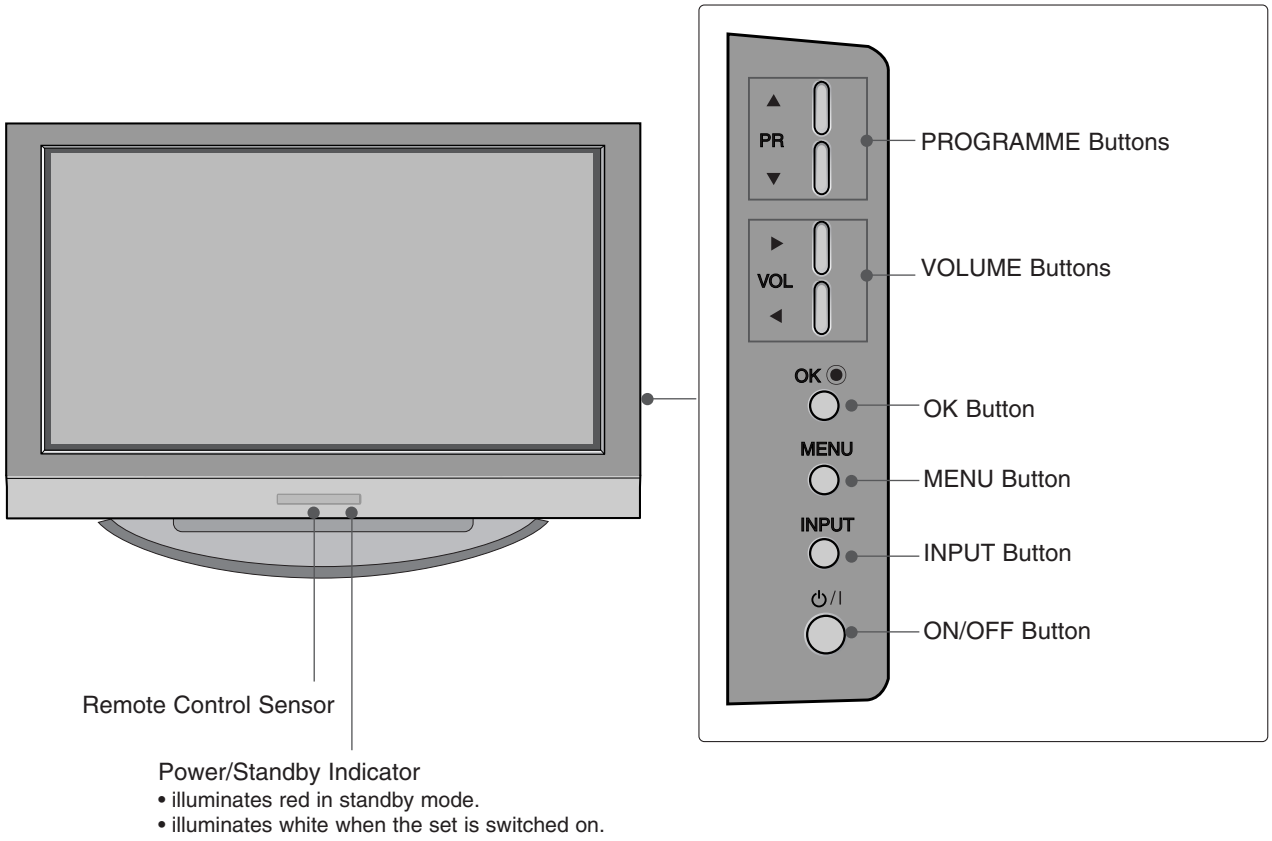
1 TELETEXT BUTTONS	These buttons are used for teletext. For further details, see the 'Teletext' section.

THUMBSTICK (Up/Down/Left Right/ENTER)	Allows you to navigate the on-screen menus and adjust the system settings to your preference.
OK	Accepts your selection or displays the current mode.

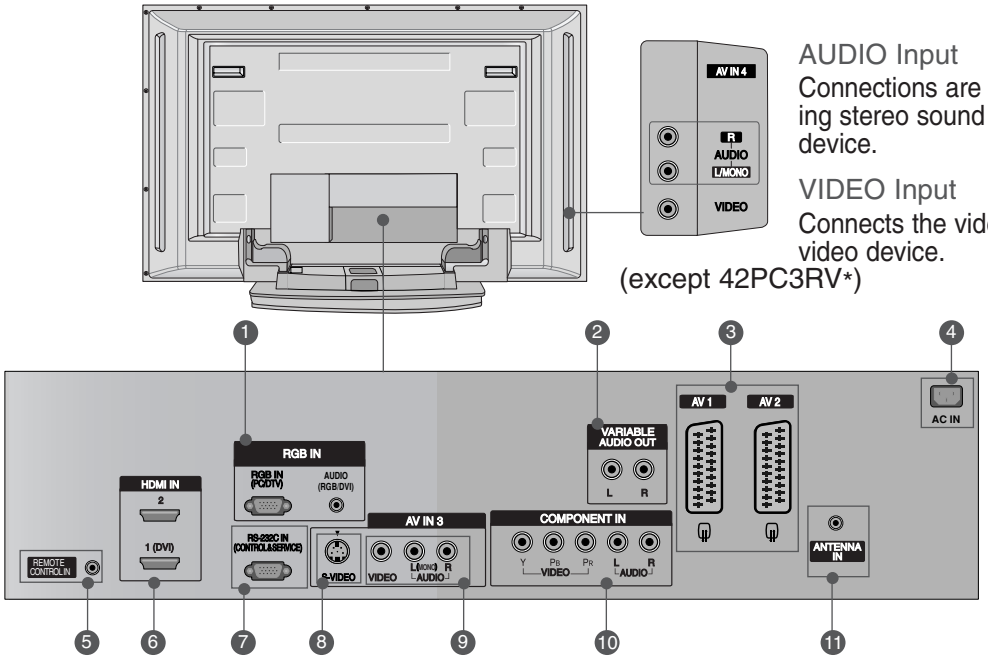
VOLUME UP /DOWN	Adjusts the volume.
Q.VIEW	Returns to the previously viewed programme.
MUTE	Switches the sound on or off.
Programme UP/DOWN	Selects available programmes.
0~9 number button	Selects a programme. Selects numbered items in a menu.
FAV	Displays the selected favourite programme.
*	No function



Front Panel Controls



Back Connection Panel



AUDIO Input
Connections are available for listening stereo sound from an external device.

VIDEO Input
Connects the video signal from a video device.

(except 42PC3RV*)

1 RGB/Audio Input
Connect the monitor output from a PC/DTV to the appropriate input port.

2 Variable Audio Output
Connect an external amplifier or add a sub-woofer to your surround sound system.

3 Euro Scart Socket (AV1/AV2)
Connect scart socket input or output from an external device to these jacks.

4 Power Cord Socket
This TV operates on an AC power. The voltage is indicated on the Specifications page. Never attempt to operate the TV on DC power.

5 Remote Control Port

6 HDMI Input
Connect a HDMI signal to HDMI IN.
Connect DVI(VIDEO) signal to HDMI/DVI port with DVI to HDMI cable.

7 RS-232C Input(CONTROL&SERVICE)Port
Connect the serial port of the control devices to the RS-232C jack.

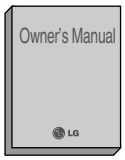
8 S-Video Input
Connect S-Video out from an S-VIDEO device.

9 Audio/Video Input
Connect audio/video output from an external device to these jacks.

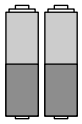
10 Component Input
Connect a component video/audio device to these jacks.

11 Antenna Input

ACCESSORIES



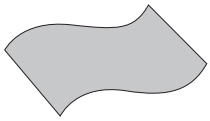
Owner's Manual



Batteries

Remote Control

Power Cord



Polishing Cloth
Polish the screen with the cloth
(Option)

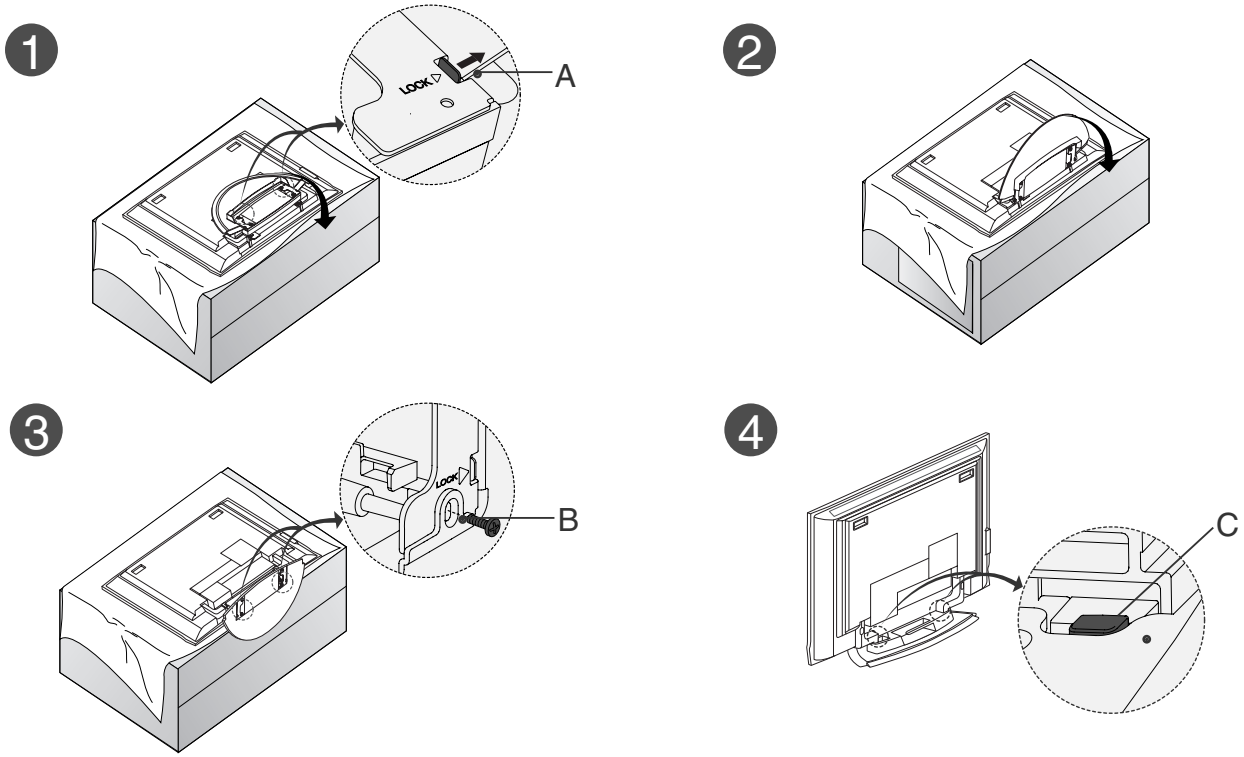
For 42PC1R*, 42PC3R*, 50PC1R*

2-Wall brackets

2-eye-bolts

2-bolts for stand assembly

STAND INSTALLATION(OPTION)



- Place the set with the screen facing down on a cushion or soft cloth as shown in Figures 1.
  Before unfolding the stand, please make sure two locks (A) on the bottom of the stand push outward.
- Pull the stand out as shown above in Figures 2 ~ 3.
  After unfolding the stand, please insert and tighten the screws in the holes (B) on the bottom of the stand.
- When connecting cables to the set, Do not disengage the lock (C).
  This may cause the set to fall, causing serious bodily injury and serious damage to the set.

* NOTE

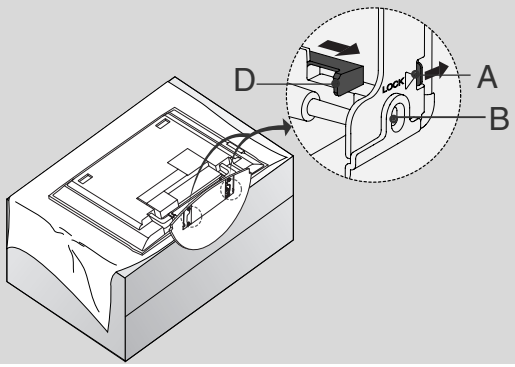
Figures shown here may be slightly different from your set.

When closing the stand for storage

First remove the screws in the holes (B) on the bottom of the stand. And then pull two Hooks (D) of the stand bottom

and fold the stand into the back of the set.

After folding, push two Locks (A) of the stand bottom outward.



SPECIFICATIONS

NOTE : Specifications and others are subject to change without notice for improvement.

■ Application Range

This spec is applied to the 42” PLASMA TV used PP62A Chassis.

Chassis	Model Name	Market	Brand	Remark
PP62A	42PC3R-ZH	EU	LG	

■ Specification

Each part is tested as below without special appointment.

1) Temperature : 25±5°C (77±9°F), CST : 40±5
2) Relative Humidity: 65±10%.
3) Power Voltage: Standard Input voltage (100-240V~, 50/60Hz).
   * Standard Voltage of each product is marked by models.
4) Specification and performance of each parts are followed each drawing and specification by part number in accordance with BOM.
5) The receiver must be operated for about 20 minutes prior to the adjustment.

■ Test Method

1) Performance : LGE TV test method followed.
2) Demanded other specification .
   Safety : CE, IEC specification
   EMC : CE, IEC

Model	Market	Appliance	Remark
42PC3R-ZH	EU	Safety : IEC/EN60065, EMI : EN55013, EMS : EN55020	TEST

■ General Specification

1. Module Specification

1-1. 42”XGA MODULE

No	Item	Specification	Remark
1	Display Screen Device	42” Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42X3, RGB Closed Type	Clear Filter
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 0~85%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : LG

1-2. 42”WVGA MODULE

No	Item	Specification	Remark
1	Display Screen Device	42” Wide Color Display Module	Plasma Display Panel
2	Aspect Ratio	16:9	
3	PDP Module	PDP42V8, RGB Closed Type	Clear Filter
4	Operating Environment	1)Temp. : 0~40deg 2)Humidity : 0~85%	LGE SPEC.
5	Storage Environment	3)Temp. : -20~60deg 4)Humidity : 0~85%	
6	Input Voltage	100-240V~, 50/60Hz	Maker : Sanken

2. Model General Specification

No	Item	Specification			Remark
1	Market	EU			
2	Broadcasting system	PAL-BG/I/DK, SECAM			
3	Available Channel	BAND	PAL	SECAM	
		VHF	E2~E12		
		UHF	E21~E69		
		CATV	S1~S20		
		HYPER	S21~S47		
4	Receiving system	Upper Heterodyne			
5	Scart Jack (2EA)	PAL, SECAM, NTSC,NTSC4.43			4 System : PAL, SECAM, NTSC, PAL60
6	Video Input (1EA)	PAL, SECAM, NTSC,NTSC4.43			4 System : PAL, SECAM, NTSC, PAL60
7	S-Video Input (2EA)	PAL, SECAM, NTSC,NTSC4.43			4 System : PAL, SECAM, NTSC, PAL60
8	Component Input (1EA)	Y/Cb/Cr, Y/Pb/Pr			
9	RGB Input (1EA)	RGB-PC, RGB-DTV			
10	HDMI Input (2EA)	HDMI-PC HDMI-DTV			
11	Audio Input (3EA)	PC Audio, Component(1EA), AV (1EA)			L/R Input
12	Wired Control (1EA)				
13	Audio variable out (1EA)				

ADJUSTMENT INSTRUCTIONS

1. Application Object

These instructions is applied all of the 42” PLASMA TV, PP62A Chassis.

2. Notes

(1) Because this is not a hot chassis, it is not necessary to use an isolation transformer. However, the use of isolation transformer will help protect test instrument.
(2) Adjustment must be done in the correct order.
(3) The adjustment must be performed in the circumstance of 25±5°C of temperature and 65±10% of relative humidity if there is no specific designation.
(4) The input voltage of the receiver must keep 100-220V~, 50/60Hz.
(5) The receiver must be operated for about 15 minutes prior to the adjustment.

● After RGB Full white HEAT-RUN Mode, the receiver must be operated prior to adjustment.
● Enter into HEAT-RUN MODE.
1) Press the POWER ON KEY on R/C for adjustment.
2) OSD display and screen display PATTERN MODE.

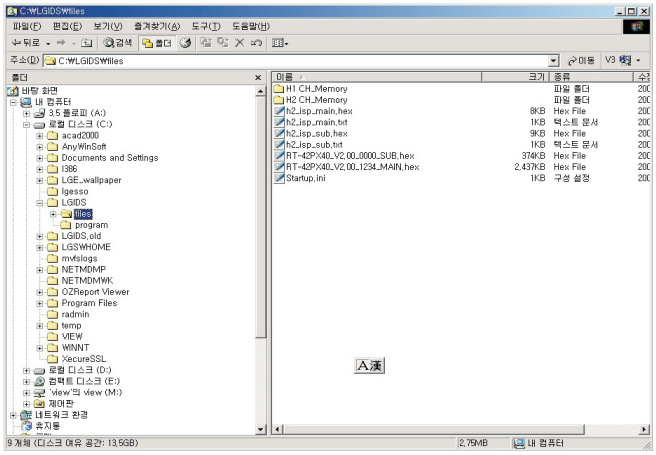
※ Set is activated HEAT-RUN without signal generator in this mode.
※ Single color pattern(RED/BLUE/GREEN) of HEAT-RUN mode uses to check PANEL.

Caution) If you turn on a still screen more than 20 minutes, (Especially digital pattern, cross hatch pattern) after image may be occur in the black level part of the screen.

3. Channel memory

3-1. Setting up the LGIDS

1) Install the LGIDS. (idsinst.exe)
2) After installation, restart your PC.
3) Extract [files.zip] to folder [c:\LGIDS\files].
4) Start LGIDS.

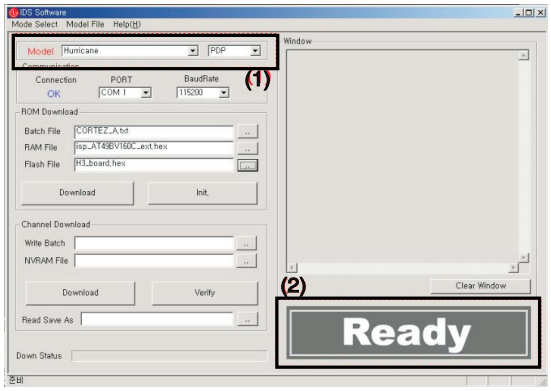


(Fig. 1)

3-2. Channel memory Method

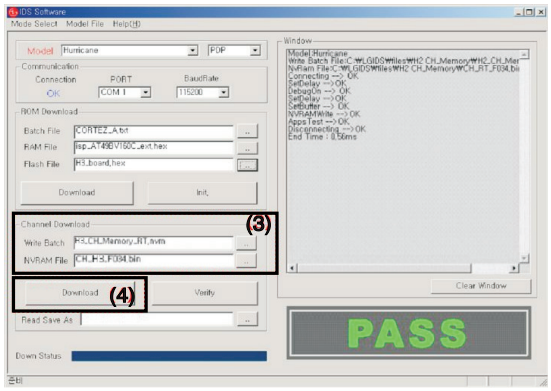
1) Select “PDP” and “Hurricane” on Model dialog. And check your connection in Communication dialog. (If your connection is ‘NG’, then set your PORT(COM1,2,3,...) correctly.)
2) Connect RS-232C cable and turn on the power.
(If your connection has completed, you can see “Ready”.)

※ If your set is not an end products but only a board, you have to make your board to Stand-by state (LED_R). And you have to Download in Stand_by power state.



(Fig. 2)

3) Select proper CH_memory file(*.nvm) for each model at [NVRAM Download] ⟶ [Write Batch]
Next, select proper binary file(*.bin) including the CH information for each model at [NVRAM File].
File name
ZH Model : H3_CH_Memory_ZH.nvm
4) Click the [Download] button.
It means the completion of the CH memory download if all items show ‘OK’ and Status is changed by ‘PASS’ at the lower right corner of the window.
5) If you want to check whether the CH information is memorized correctly or not, click the [Verify] button.
And then compare NVRAM File(*.bin) with the CH information downloaded.



(Fig. 3)

4. Auto AV(CVBS) Color Balance

4-1. Requirement

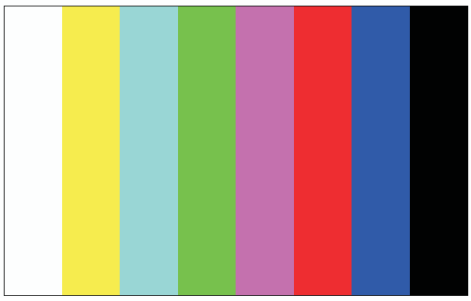
- It is very import to use correct adjustment pattern like (Fig.4).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

4-2. Required Test Equipment

1) Remote controller for adjustment.
2) AV Pattern Generator : 802F Pattern Generator, Master(MSPG-925FA), etc.
   (Which has PAL Composite Video format output with standard(1.0 Vpp) Vertical 100% Color Bar Pattern as Fig. 4.)

4-3. Method of Auto RGB Color Balance

1) Input the PAL Composite Video (Fig.4. 100% Color Bar Pattern) into video input.
2) If Assy has Scart jack ,Use AV3
   Else use AV1.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate to set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 4) Auto AV(CVBS) Color Balance Test Pattern

5. Auto Component Color Balance

5-1. Requirement

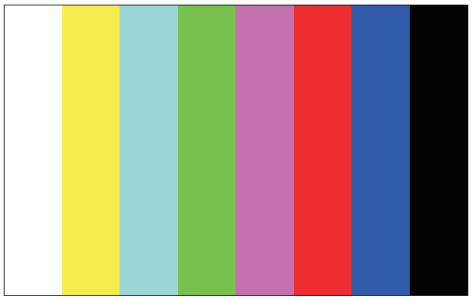
- It is very import to use correct adjustment pattern like (Fig.5).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

5-2. Required Test Equipment

1) Remote controller for adjustment.
2) 802F Pattern Generator.
   (Which has 720p YpbPr output with Standard(0.7Vpp)Vertical 100% Color Bar Pattern as Fig. 5)

5-3. Method of Auto RGB Color Balance

1) Input the Component 720p 100% Color Bar signal into Component1 or Component2.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 5) Auto Component Color Balance Test Pattern

6. Auto RGB Color Balance

6-1. Requirement

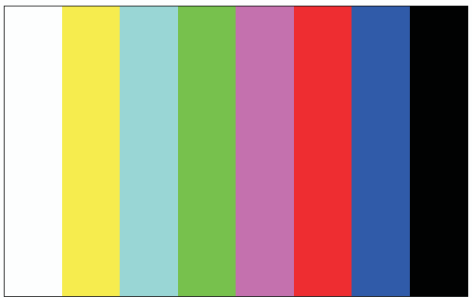
- It is very import to use correct adjustment pattern like (Fig.6).
  - Within the pattern, color sequence should be aligned : W-Y-C-G-M-R-BLUE-BLACK.
    (If color sequence is reversed (Black ->...-> White), reverse the pattern with REV key, when using Master pattern generator like MSPG-925)
  - If Minimum Black Level and/or Maximum White Level is not correct, Do select 100% Color Bar Pattern.

6-2. Required Test Equipment

1) Remote controller for adjustment.
2) 802F Pattern Generator, Master (MSPG-925FA), etc.
   (Which has XGA 60Hz PC Format output with standard(0.7Vpp) 100 % Color Bar Pattern as Fig. 6)

6-3. Method of Auto RGB Color Balance

1) Input the PC 1024x768 @ 60Hz 100 % Color Bar Pattern into RGB.
2) Set the PSM to Dynamic mode in Picture menu.
3) Press INSTART key on R/C for adjustment.
4) Press the ► (Vol.+) key operate To set , then it becomes automatically.
5) Auto-RGB OK means completed adjustment.



(Fig. 6) Auto RGB Color Balance Test Pattern

7. POWER PCB Assy Voltage Adjustments (Va, Vs Voltage adjustments)

7-1. Test Equipment : D.M.M. 1EA

7-2. Connection Diagram for Measuring

: refer to Fig.7

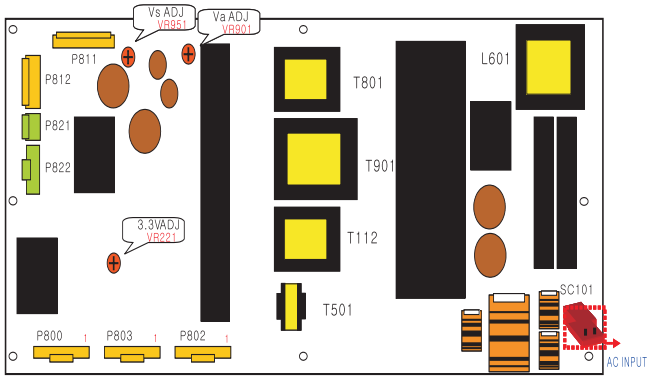
7-3. Adjustment Method

(1) Va Adjustment

1) After receiving 100% Full White Pattern, HEAT RUN.
2) Connect + terminal of D.M.M to Va pin of P812, connect - terminal to GND pin of P812.
3) After turning VR0901, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; ±0.5V)

(2) Vs Adjustment

1) Connect + terminal of D.M.M to Vs pin of P812, connect – terminal to GND pin of P812.
2) After turning VR951, voltage of D.M.M adjustment as same as Va voltage which on label of panel right/top. (Deviation; ±0.5V)



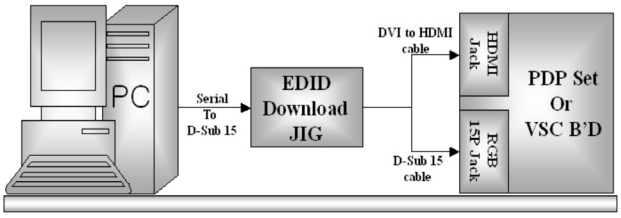
(Fig. 7) Connection Diagram of power adjustment for measuring.

8. EDID (The Extended Display Identification Data)/ DDC (Display Data Channel) download

8-1. Required Test Equipment

1) Adjusting PC with S/W for writing EDID Data.
(S/W : EDID TESTER Ver.2.5)
2) A Jig for EDID Download.
3) Cable : Serial(9Pin or USB) to D-sub 15Pin cable, D-sub 15Pin cable, DVI to HDMI cable.

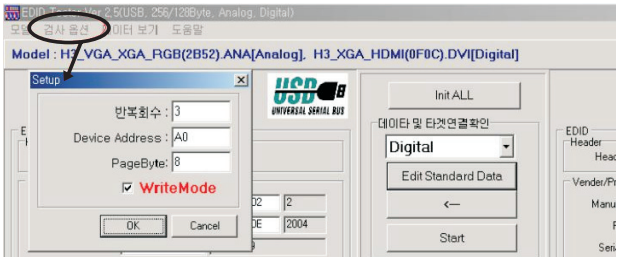
8-2. Setting of device



(Fig. 8) Connection Diagram of DDC download

8-3. Preparation for Adjustment

1) As above Fig. 8, Connect the Set, EDID Download Jig, PC & Cable.
2) Turn on the PC & EDID Download Jig. And Execute the S/W : **EDID TESTER Ver,2.5.**
3) Set up S/W option.
Repeat Number : 5
Device Address : A0
PageByte : 8



4) Power on the Set.

8-4. Data of EDID

1) DDC data of Analog-RGB.(Check Sum : CE)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1C	56	01	01	01	01
10	03	10	01	03	18	46	27	78	EA	D9	31	A3	57	49	9C	25
20	11	48	4C	BD	EE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	64	19	00	40	41	00	26	30	18	88
40	36	00	BC	86	21	00	00	18	0E	1F	00	80	51	00	1E	30
50	40	80	37	00	BC	86	21	00	00	1C	00	00	00	FC	00	34
60	32	50	43	31	52	2D	5A	48	0A	20	20	20	00	00	00	FD
70	00	3A	4B	1F	40	09	00	0A	20	20	20	20	20	20	00	CE

[Block 0]

2) DDC data of Digital-HDMI.(Check Sum : 0B2B)

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	00	FF	FF	FF	FF	FF	FF	00	1E	6D	1C	56	01	01	01	01
10	01	10	01	03	80	46	27	78	EA	D9	35	A3	57	49	9C	25
20	11	48	4C	BD	EE	00	81	80	01	01	01	01	01	01	01	01
30	01	01	01	01	01	01	64	19	00	40	41	00	26	30	18	88
40	36	00	BC	86	21	00	00	18	F1	27	00	A0	51	00	25	30
50	50	80	37	00	BC	86	21	00	00	1C	00	00	00	FC	00	34
60	32	50	43	31	52	2D	5A	48	0A	20	20	20	00	00	00	FD
70	00	3A	4B	1F	40	09	00	00	00	00	00	00	00	00	01	0B

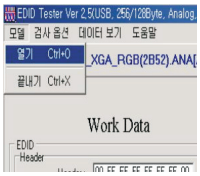
[Block 0]

	0	1	2	3	4	5	6	7	8	9	A	B	C	D	E	F
00	02	03	24	F1	49	85	04	02	01	03	11	12	13	14	23	09
10	07	02	23	09	07	02	23	09	07	02	83	01	00	00	65	03
20	0C	00	10	00	00	00	00	00	00	00	00	00	00	00	00	00
30	00	00	00	00	00	00	0E	1F	00	80	51	00	1E	30	40	80
40	37	00	BC	86	21	00	00	1C	00	00	00	00	00	00	00	00
50	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
60	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00	00
70	30	00	00	00	00	00	00	00	00	00	00	00	00	00	00	2B

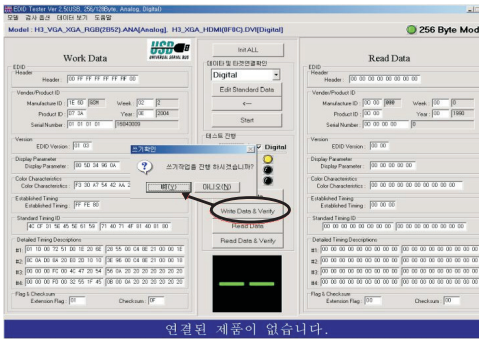
[Block 1]

8-5. Sequence of Adjustment

1) Init the data.
2) Load the EDID data.(Open File : Analog ,Digital)



3) Push the “Write Data & Verify” button. And confirm “Yes”.
4) If the writing is finished, you will see the “OK’ message.
5) It is important that PP62A/C has two HDMI so digital DDC downloading must be performed two times.(HDMI 1 , HDMI 2)

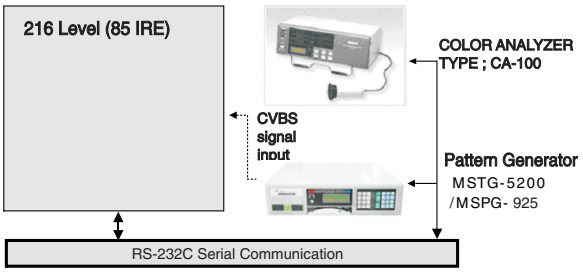


9. Adjustment of White Balance

9-1. Required Equipment

1) Remote controller for adjustment.
2) Color Analyzer (CA-100 or same product).
3) Auto W/B adjustment instrument.(only for Auto adjustment)
4) AV Pattern Generator.

9-2. Connecting diagram of equipment for measuring (For Auto Adjustment)



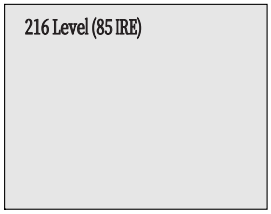
(Fig. 9) Connection Diagram of Auto W/B Adjustment

9-3. Adjustment of White Balance (For Manual adjustment)

- Operate the zero-calibration of the CA-100, then stick sensor to PDP module surface when you adjust.
- For manual adjustment, it is also possible by the following sequence.

1) Select white pattern of heat-run mode by pressing power on key on remote control for adjustment then operate heat run more than 15 minutes.
2) As below Fig.10, Supply 216Level (85 IRE) full screen pattern to Video input.
   If Assy has Scart jack ,Use AV3
   Else use AV1.
3) Enter the White Balance adjustment mode by pressing the INSTART key twice(White Balance) on R/C.
4) Stick sensor to center of the screen and select each items (Red/Green/Blue Gain and Offset) using ▲ / ▼(CH +/-) key on R/C.
5) Adjust Only High Light with R Gain / B Gain using ◄ / ► (VOL+/-) key on R/C.
6) Adjust it until color coordination becomes as below.
   Initially, R/G/B gain and R/G/B offset values are fixed as below

   Red Gain : 82, Green Gain : 80, Blue Gain : 86
   Red Offset : 80, Green Offset : 80, Blue Offset : 8C (XGA)
   Red Offset : 80, Green Offset : 80, Blue Offset : 89 (VGA)
   ■ Desired result
   Brightness : High Light : 80 ± 20cd/m2
   Color-Coordinate : High Light : X : 0.283 ± 0.002
   Y : 0.298 ± 0.002
   Color Temperature : 9,300°K ± 500°K



(Fig. 10) Pattern for Adjustment of White Balance

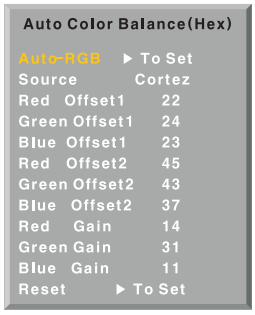
7) When adjustment is completed, Exit adjustment mode using EXIT key on R/C.

10. Input the Shipping Option Data

1) Push the IN-START key in a Adjust Remocon.
2) Input the Option Number that was specified in the BOM, into the Shipping area.
3) The work is finished, Push ■ Key.

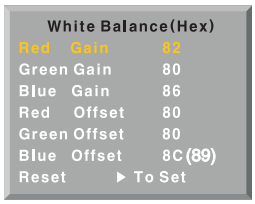
11. Default value in adjustment mode

11-1. Auto Color Balance (Component/RGB)



(Fig. 11) Default Value on OSD

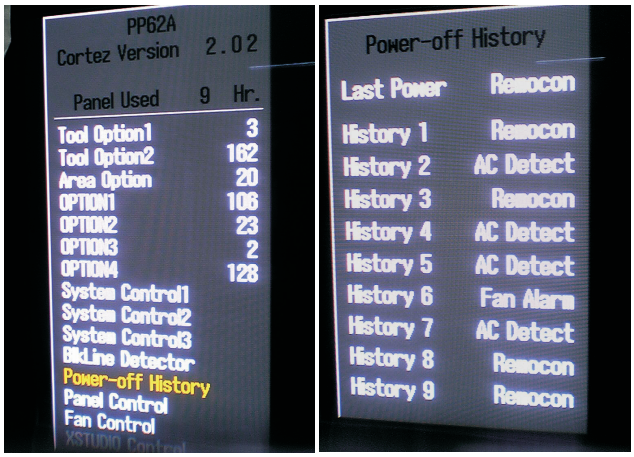
11-2. White Balance



(Fig. 12) Default Value on OSD

12. Power-off History

1) This function indicated Power off history.
2) You can go into this mode by ADJ key in ADJ remocon.

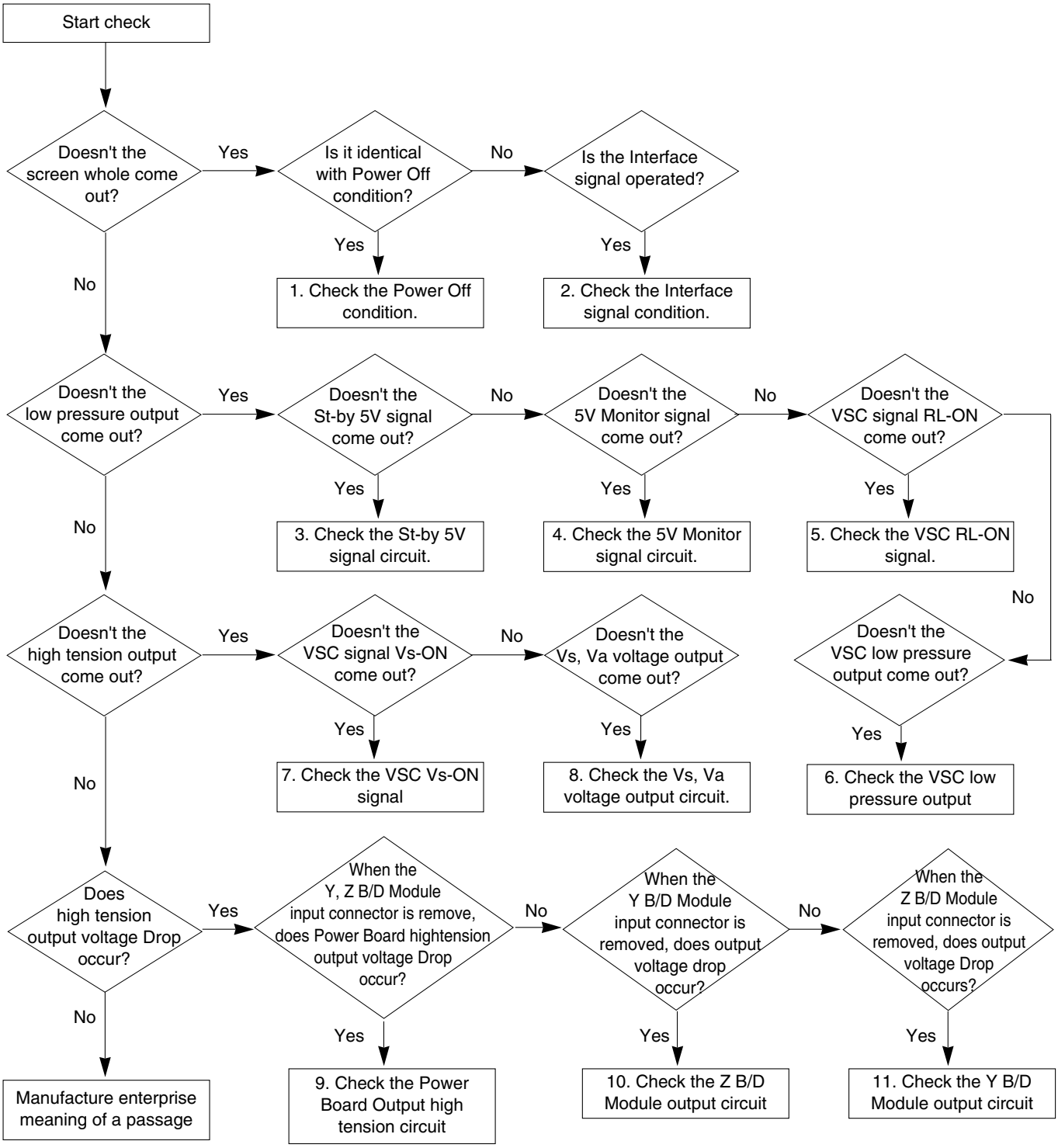


(Fig. 13) Power-off History

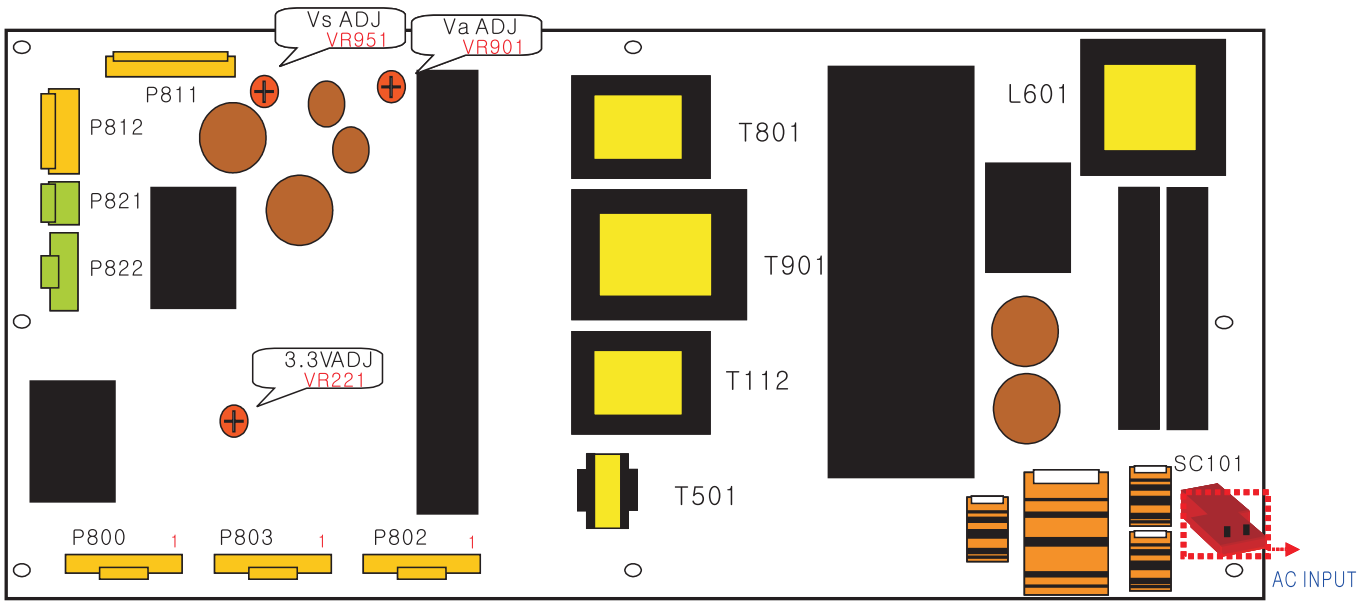
TROUBLE SHOOTING GUIDE

1. Power Board

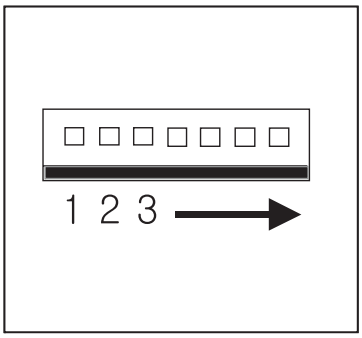
1-1. The whole flowchart which it follows in voltage output state



1-2. Power Board Structure



NO	AC INLET	ANALOG & DIGITAL BOARD			PDP MODULE		READY [1]	
	SC1	P800	P803	P802	P811	P812	P821	P822
1	AC	AC Det	19V	3.4V	Vs	5V	5V	GND
2	NC	RL-ON	19V	3.4V	Vs	GND	5V	GND
3	AC	STB 5V	GND	GND	NC	Va	GND	GND
4		GND	GND	GND	GND	GND	GND	GND
5		Vs-ON	6V	6V	GND	GND		5V
6		5V Det	GND	6V	Va	GND		5V
7		3.4V-ON	3.4V	GND	GND	NC		5V
8		STB 5V	GND	GND	5V	Vs		5V
9		GND	12V	12V		Vs		
10		NC	GND	12V				
11		6V		GND				
12		GND		GND				
13		3.4V-ON						

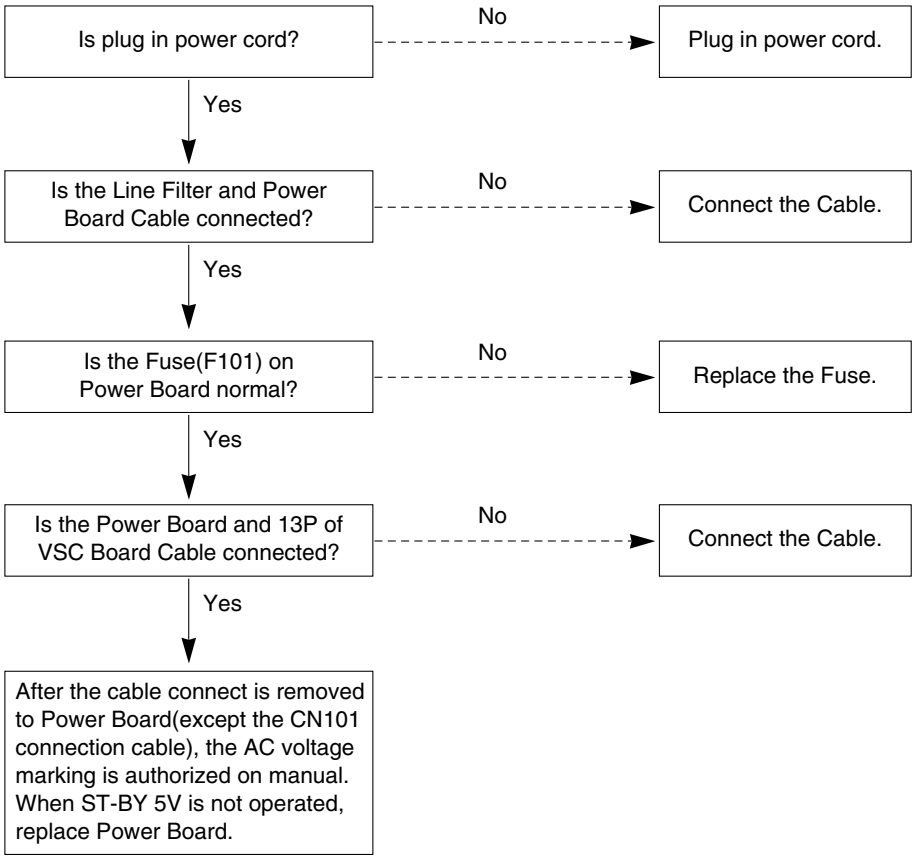


2. No Power

(1) Symptom

1) Doesn't minute discharge at module.
2) Non does not come in into the front LED.

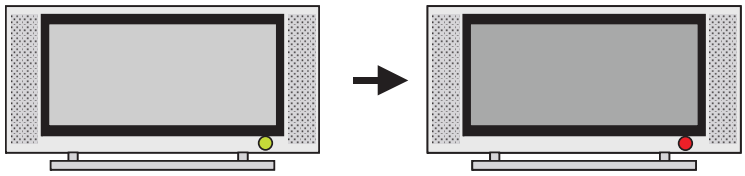
(2) Check following



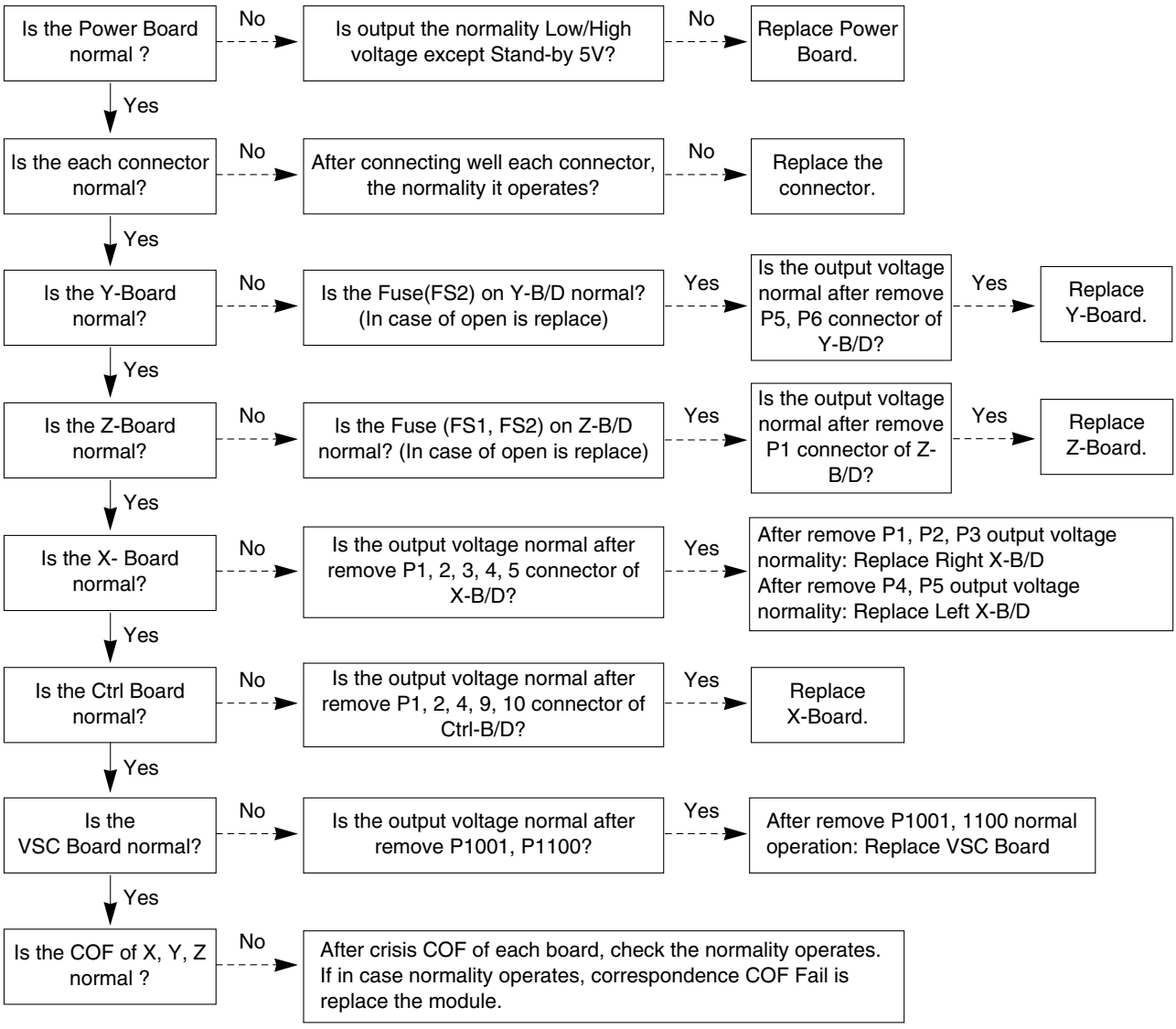
3. Protect Mode

(1) Symptom

1) After once shining, it does not discharge minutely from module.
2) The Rely falls.(The sound is audible “click”)
3) It is converted with the color where the front LED is red from green.



(2) Check following

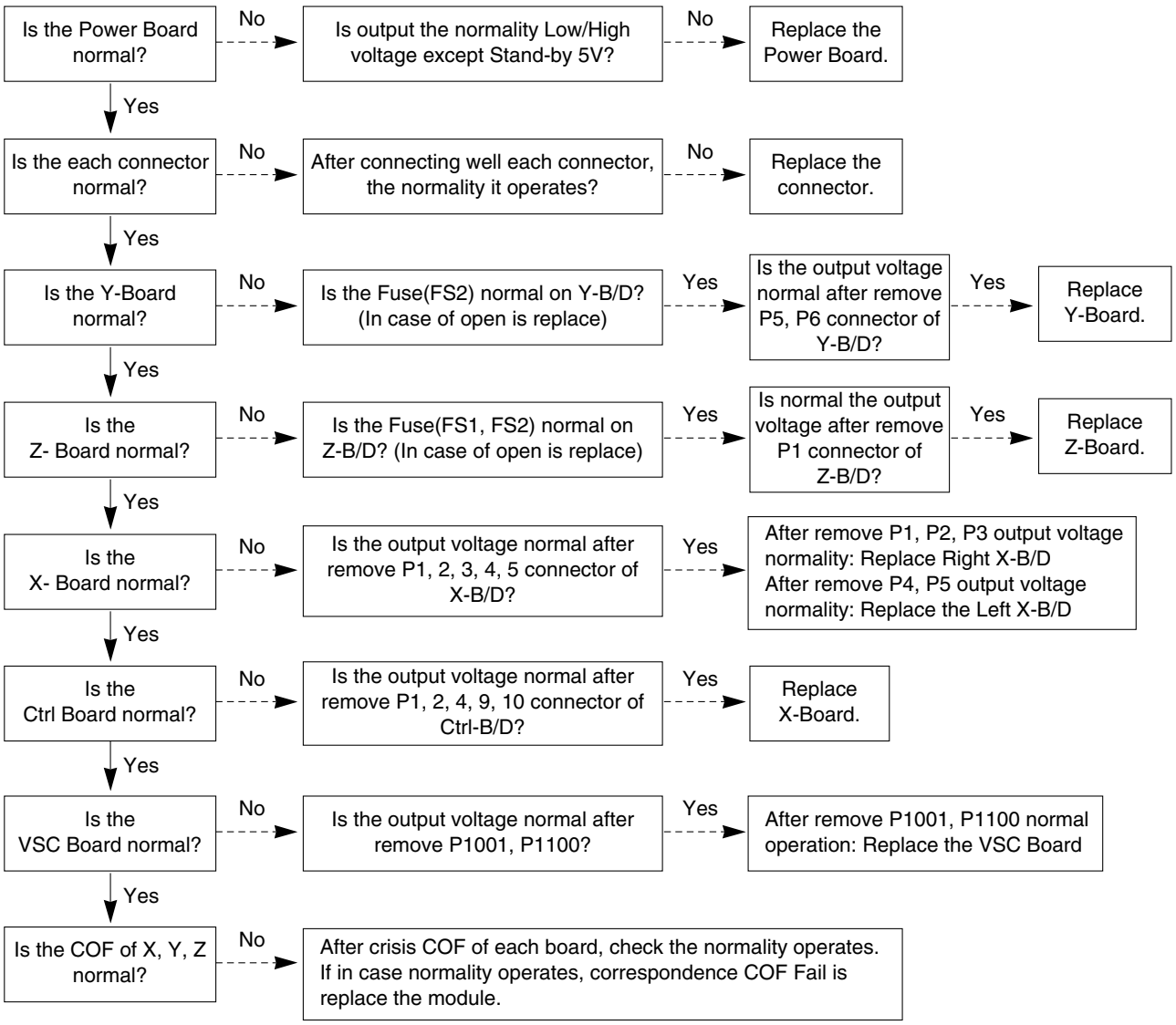


4. No Raster

(1) Symptom

1) Doesn't minute discharge at module.
2) It maintains the condition where the front LED is green.

(2) Check following

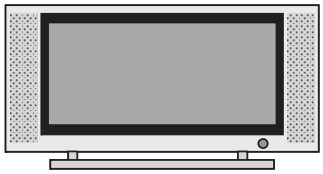


5. In case of occurring strange screen into specific mode

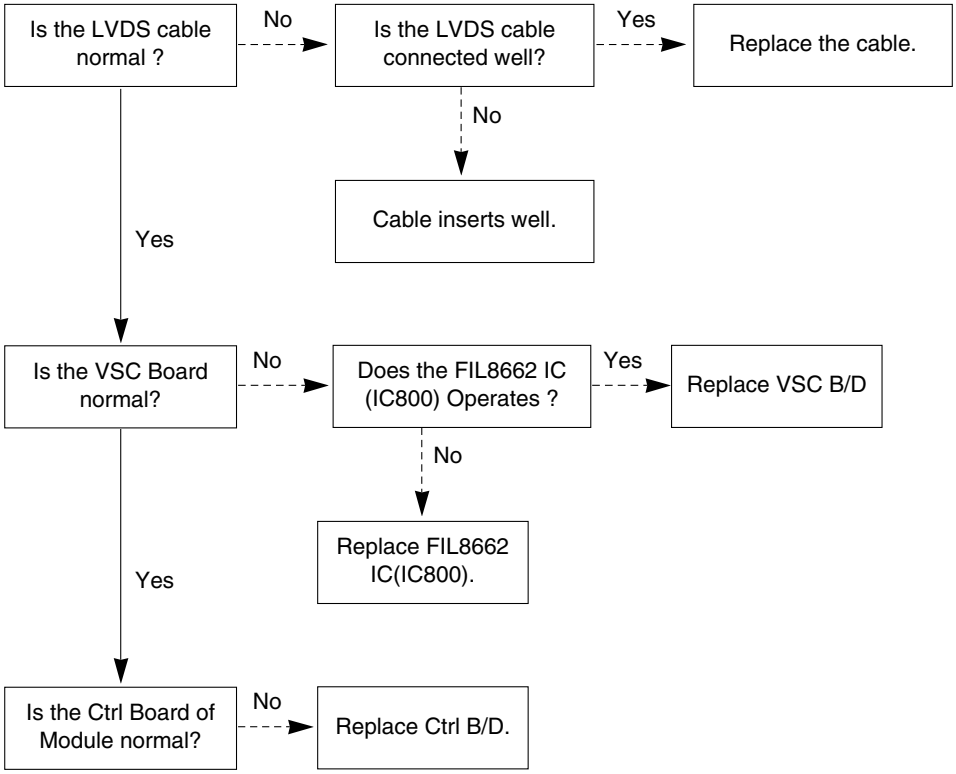
5-1. In case the OSD does not displayed

(1) Symptom

1) LED is green.
2) The minute discharged continuously becomes accomplished from module.



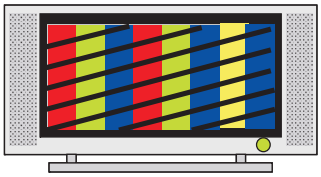
(2) Check following



5-2. In case of does't display the screen into specific mode

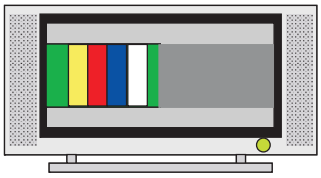
(1) Symptom

1) The screen does not become the display from specific input mode.
(RF, AV, Component, RGB, DVI)

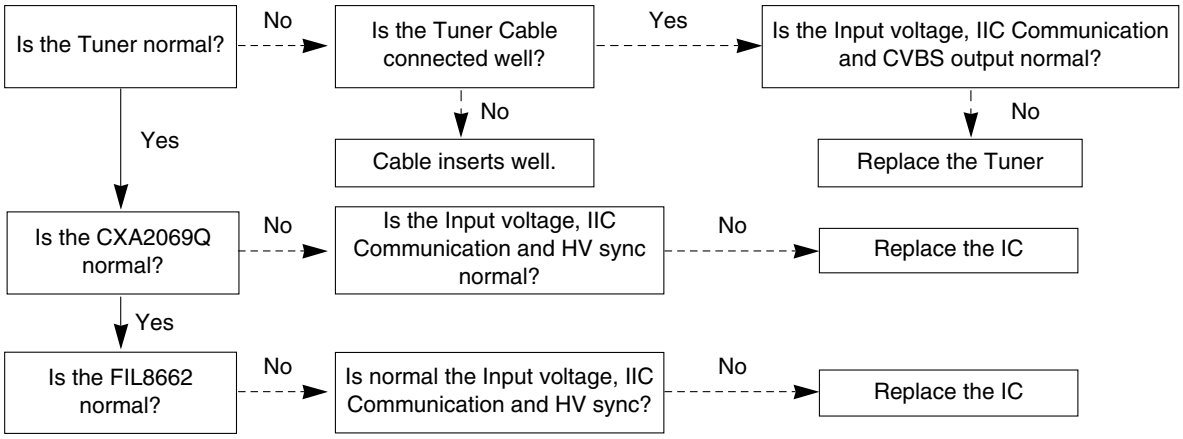


(2) Check following

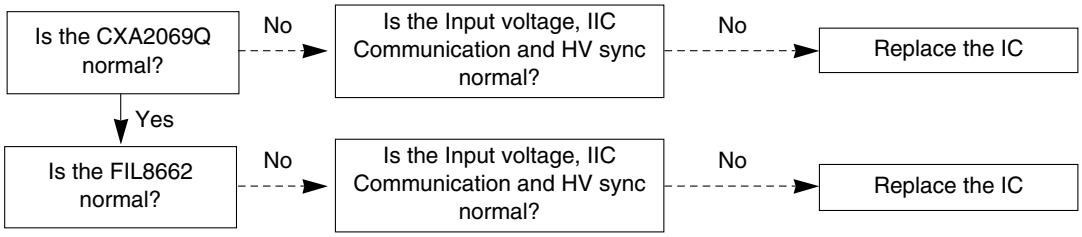
1) Check the all input mode should become normality display.
2) Check the Video(Main)/Data(Sub), Video(Main)/Video(Sub) should become normality display from the PIP mode or DW mode. (Re-Check it Swap)



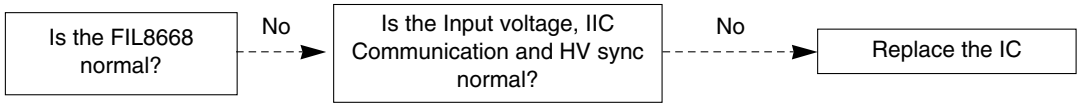
(3) In case of becomes unusual display from RF mode



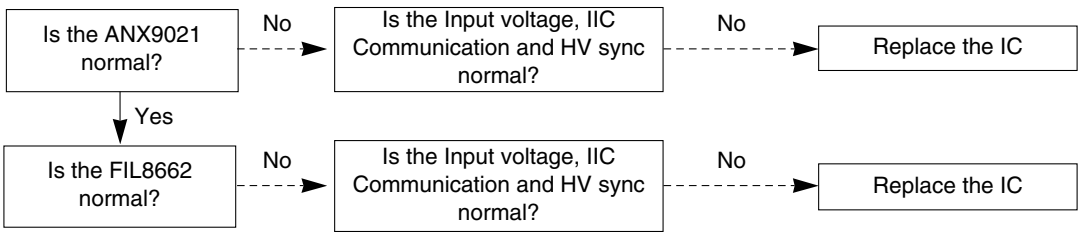
(4) In the case of becomes unusual display from RF, AV mode



(5) In the case of becomes unusual display from Component, RGB mode



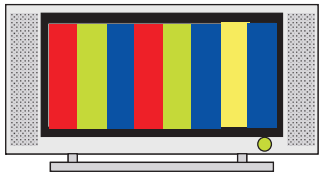
(6) In the case of becomes unusual display from HDMI mode



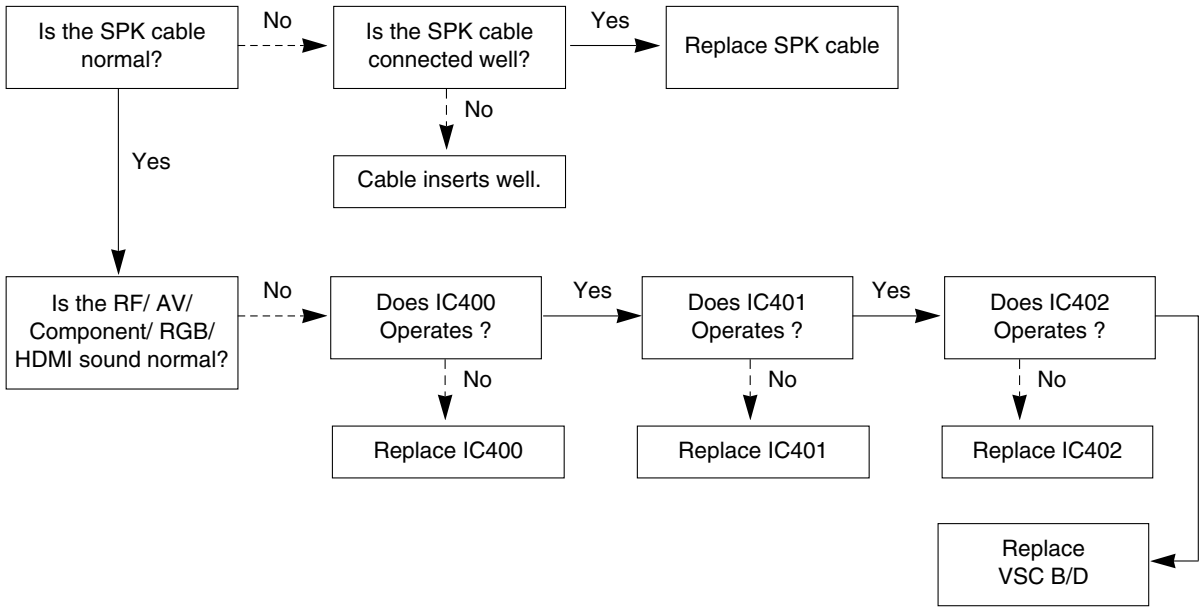
6. In case of no sound

(1) Symptom

1) LED is green.
2) Screen display but sound is not output.

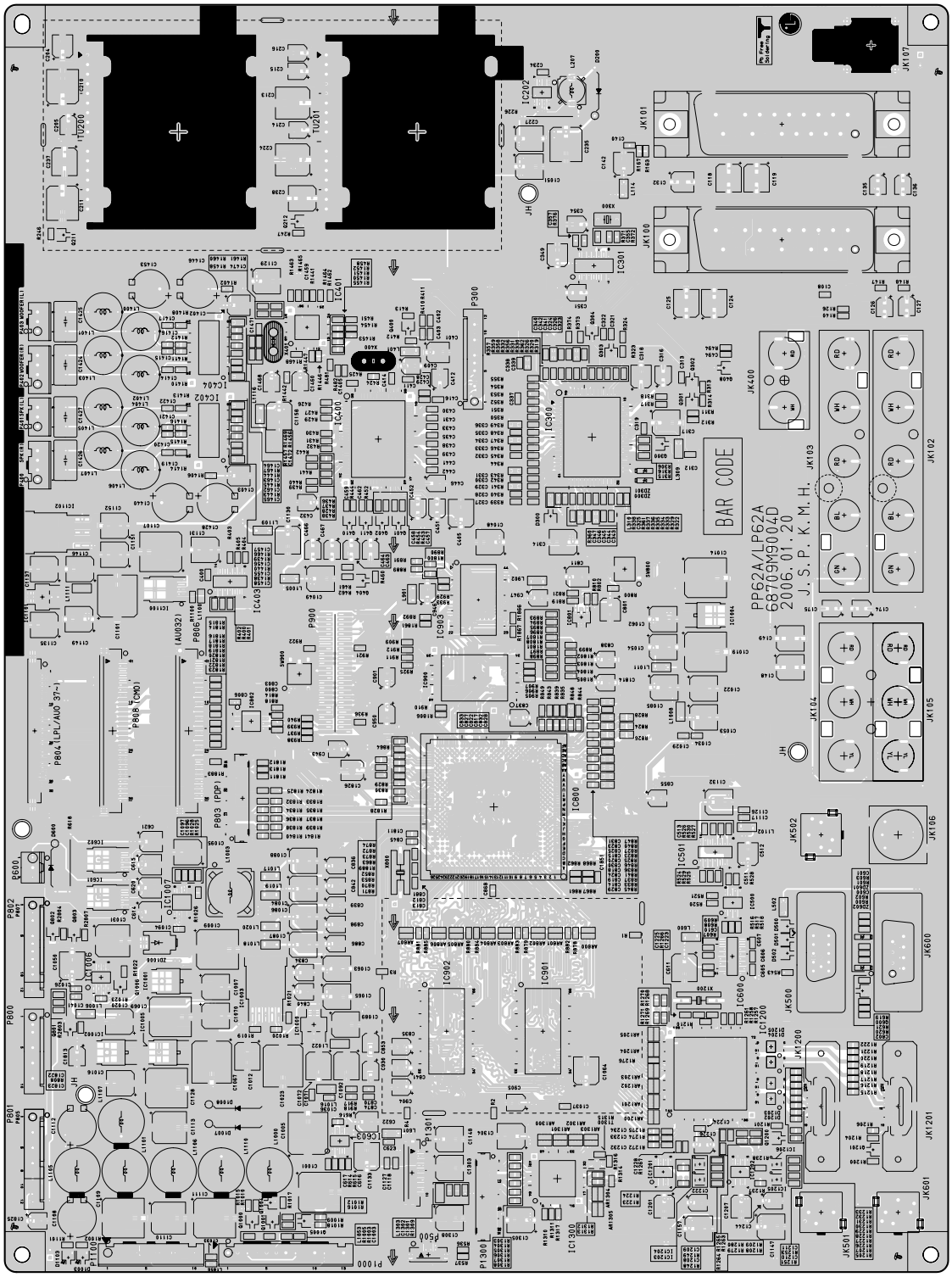


(2) Check following

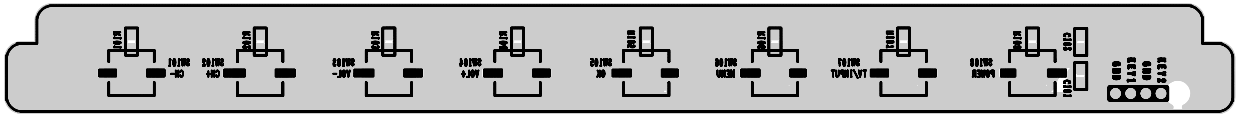


PRINTED CIRCUIT BOARD

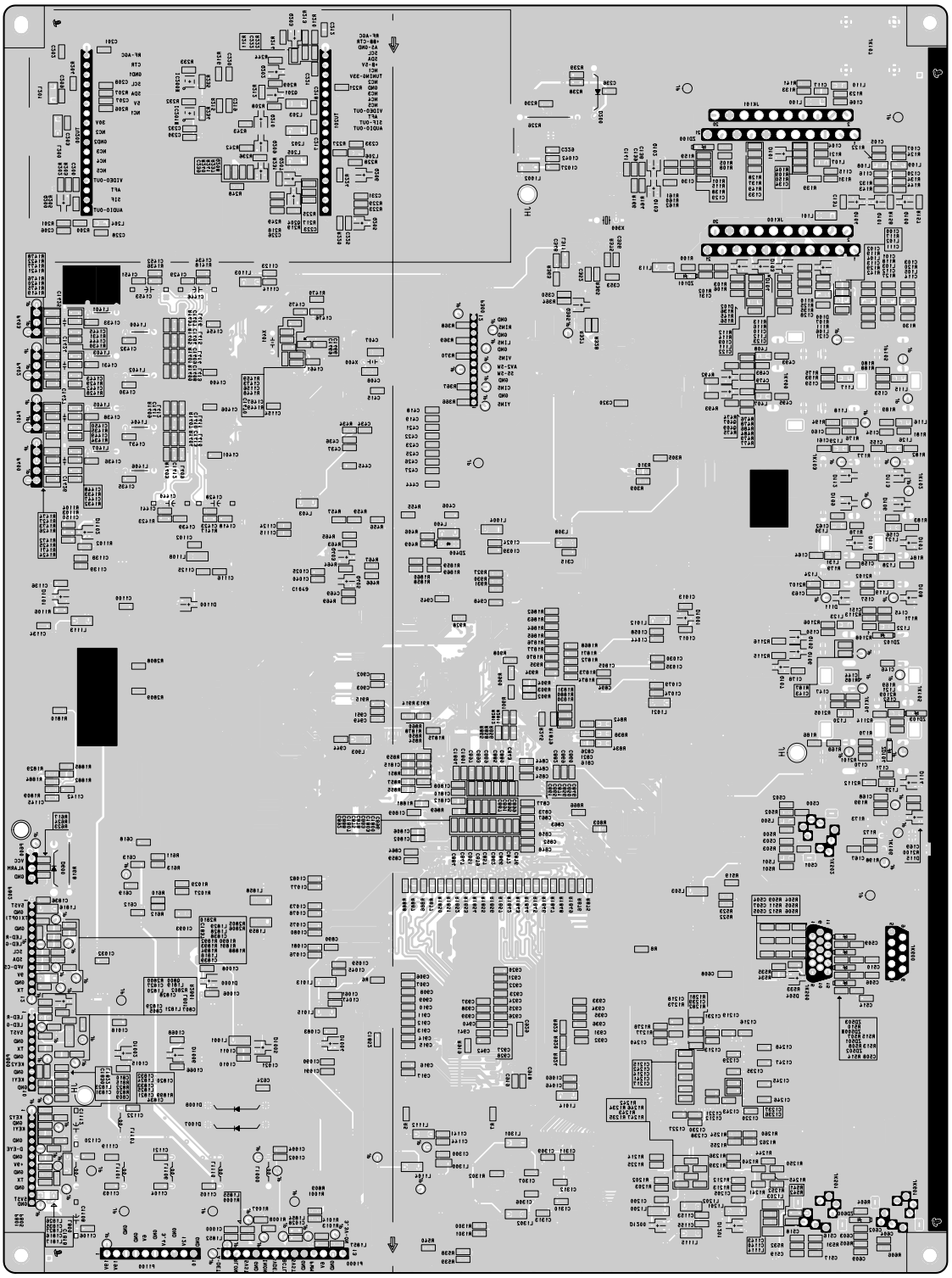
MAIN(TOP)



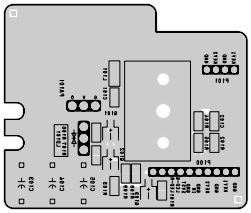
CONTROL



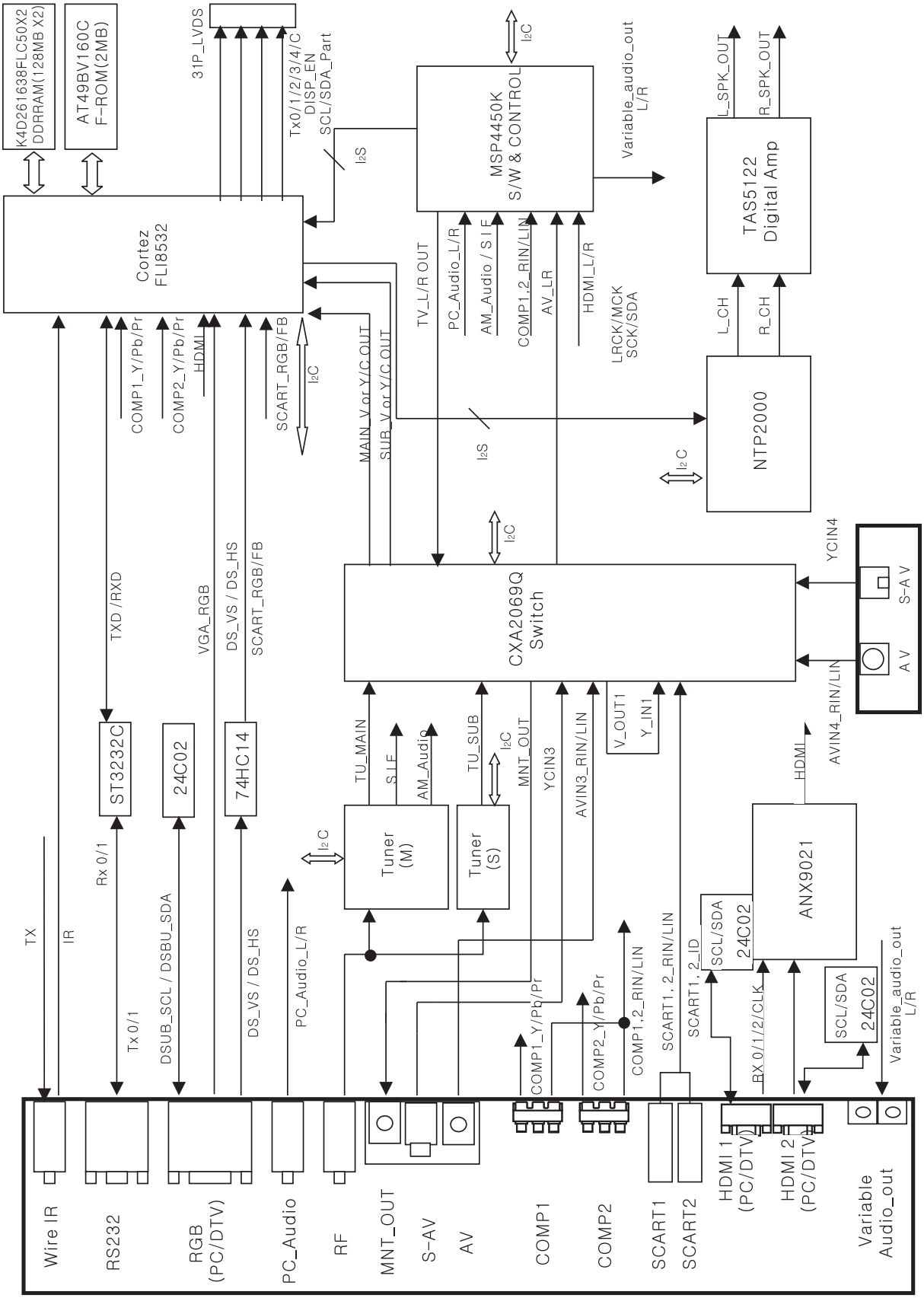
MAIN(BOTTOM)



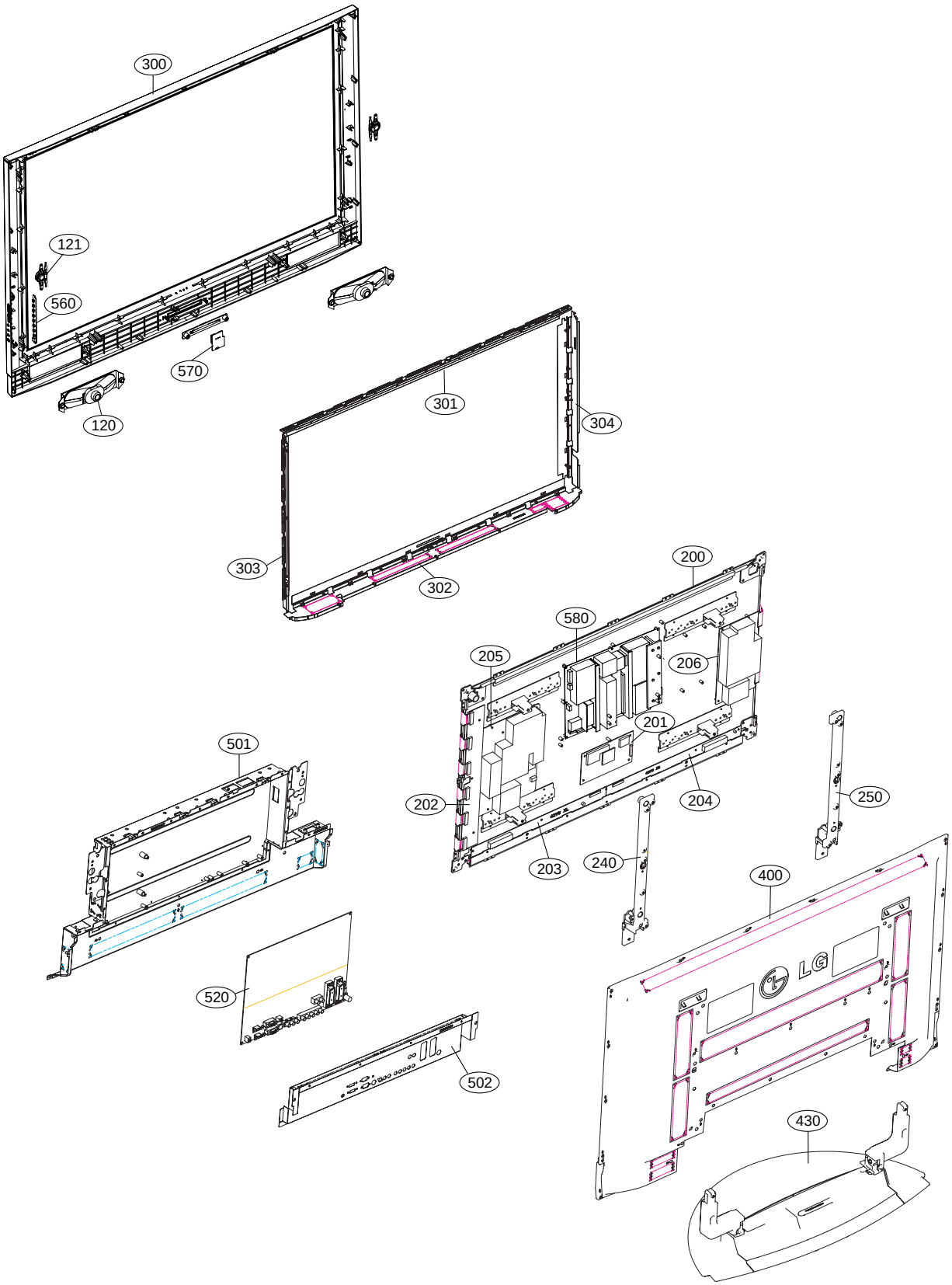
PRE-AMP



BLOCK DIAGRAM



EXPLODED VIEW



EXPLODED VIEW PARTS LIST

The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

No.	Part No.	Descriptions
120	6400WMCX03A	Speaker, Woofer ND35 15W 8OHM 82DB 100HZ 193X57mM LUG
121	6400DTTX02B	SPEAKER, TWEETER EN15D-6659 TOPTONE TWEETER(DOME) 8OHM 15/20W 78DB OTHERS PC1 MODEL
⚠ 200	6348Q-E128J	PDP, Module-XGA PDP42X30201.ADLGB XGA 42INCH 1024X768 16/9
⚠ 201	6871QCH077A	PCB Assembly, Display CTRL ASSY HAND INSERT 42HD 42X3 CTRL ASSY HAND
⚠ 202	6871QDH117A	PCB Assembly, Display YDRV ASSY HAND INSERT 42HD 42X3 YDRV HAND INSERT
⚠ 203	6871QLH059A	PCB Assembly, Display XRLT ASSY HAND INSERT 42HD 42X3 XRLT ASSY HAND
⚠ 204	6871QRH068A	PCB Assembly, Display XRRT ASSY HAND INSERT 42HD 42X3 XRRT ASSY
⚠ 205	6871QYH053B	PCB Assembly, Display YSUS ASSY HAND INSERT 42HD 42X3 VER.B
⚠ 206	6871QZH056B	PCB Assembly, Display ZSUS ASSY HAND INSERT 42HD 42X3 VER.B
240	4980900109C	Supporter, ASSY AL 42PC1R-TA, VERTICAL RIGHT, C/SKD
250	4980900109D	Supporter, ASSY AL 42PC1R-TA, VERTICAL LEFT, C/SKD
⚠ 300	30919E0025M	Cover Assembly, 42PC3R-ZH BRAND 30909E0002A LG,C/SKD
301	4980900113B	Supporter, ASSY AL FILTER TOP 42PC1R-TA C/SKD
302	4980900114B	Supporter, ASSY AL FILTER BOTTOM 42PC1R-TA C/SKD
303	4980900115B	Supporter, ASSY AL FILTER RIGHT 42PC1R-TA, C/SKD
304	4980900116B	Supporter, ASSY AL FILTER LEFT 42PC1-TA, C/SKD
⚠ 400	3809900103T	Cover Assembly, 42PC3 LGEMA (NO HANDLE,PHANTOM ASSY)
⚠ 430	3501900014C	Base Assembly, AP-42DC11 MF056A D/T SPK STAND FOLDING STAND LGERS C/SKD
501	3301900095B	Plate Assembly, AV 42PC CORTEZ-A
	3301900095P	Plate Assembly, AV H3 C/SKD
502	3301900094A	Plate Assembly, ASSY PDP PC SERIES COMMON
	3301900094F	Plate Assembly, ASSY PDP PC SERIES CORTEZ-A, EU, C/SKD
520	68719MMU02A	PCB Assembly, Main M.I PP62A MAIN1 42PC1R . H3-CORTEZ
	68719MMX35A	PCB Assembly, Main M.I PP62A MAIN1 42PC1R-ZH KETLLMP CKD MANUAL INSERT FOR CKD
560	68719SMM58A	PCB Assembly, Sub M.I PP62A SUB 42PC3R-ZH SETLLJP LOCALKEY MANUAL SKD
	68719SMM83A	PCB Assembly, Sub M.I PP62A SUB 42PC3R ZH LOCALKEY CTRL MANUAL CKD FOR LGEMA
570	68719SML93A	PCB Assembly,Sub M.I PP62A SUB 42PC1R-ZH SETLLJP DMS SKD PREAMP
	68719SMM71A	PCB Assembly, Sub M.I PP62A SUB 42PC1R ZH PREAMP MANUAL CKD FOR LGEMA
⚠ 580	6709900019A	Power Supply Assembly, LGIT PDP UNIFICATION PSU PA61B 400W 42PB2D 42INCH

REPLACEMENT PARTS LIST

LOCA. NO	PART NO	DESCRIPTION
IC		
IC1000	0IPRPML001A	MIC39100-2.5WS MICREL 3P SOT223
IC1001	0IPMGRH001G	BA33BC0FP 4.3TO16V 3.3V 1200MW
IC1002	0IMCRFA010A	KA7809R 11.5TO24V 9V 150W DPAK
IC1003	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V
IC1004	0IPMGRH001G	BA33BC0FP 4.3TO16V 3.3V 1200MW
IC1005	0IPMGRH001G	BA33BC0FP 4.3TO16V 3.3V 1200MW
IC1100	0IPMGKE030A	KIA78R05F 6TO12V 5V 8W DPAK
IC1101	0IPRPML001A	MIC39100-2.5WS MICREL 3P SOT223
IC1102	0IPMG00027A	SC156515M-1.8TR 2.2TO5.5V 1.8V
IC1200	0IPRP00735A	ANX9021 3.3V - 17MHZ TQFP TR 144P
IC1201	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT
IC1202	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT
IC300	0ISO206900A	CXA2069Q 8.5TO9.5V - - 1300MW
IC301	0ISA721700C	LA7217M 4.5TO5.5 16.1KHZ 150MW
IC400	0IMCRMN028C	MSP4450K-QA-D6 7.6TO8.7V_4.75
IC401	0IPRP00718A	NTP-2000 2.0TO5.0V - LQFP TR 48P
IC402	0IMCRTI028C	TAS5122DCAR 3TO3.6V_16TO25.5V_0
IC403	0IPH741400E	74HC14D 2TO6V 0.002mA
IC500	0IMMRAL014B	AT24C02N-10SI-2.7 2KBIT 256X8BIT
IC501	0IPH741400E	74HC14D 2TO6V 0.002mA
IC600	0IPRP00009A	ICL3232CBNZ 3VTO5500MV
IC800	0IPRP00692B	FLI8662-LF-AB-XD - - - PBGA TR 416P
IC802	0IMP242560A	24LC256-I/SM 256KBIT 32KX8BIT
IC901	0IMMR00002A	K4D261638F-LC50 128MBIT 8MX16BIT
IC902	0IMMR00002A	K4D261638F-LC50 128MBIT 8MX16BIT
TRANSISTOR & FET		
IC1203	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1204	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1205	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
IC1206	0TR830009BA	FET, BSS83 N-CHANNEL MOSFET 10V - 50MA
Q100	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1000	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1001	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1004	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1005	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1006	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q101	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q102	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q102	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q103	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q104	0TR102008AA	KRA102S PNP -30V - -50V -0.1A
Q105	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q106	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q107	0TR102008AA	KRA102S PNP -30V - -50V -0.1A
Q1200	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q1201	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q200	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q201	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA

LOCA. NO	PART NO	DESCRIPTION
Q202	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q203	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q204	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q205	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q206	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q207	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q211	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q212	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q300	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q301	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q302	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q303	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q304	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q305	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
Q400	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q401	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q402	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q403	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q404	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q405	0TR102008AA	KRA102S PNP -30V - -50V -0.1A
Q407	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q408	0TR102008AA	KRA102S PNP -30V - -50V -0.1A
Q409	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q410	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q411	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q600	0TR387500AA	2SC3875S NPN 5V 60V 50V 150MA 100NA
Q800	0TR102009AJ	KRC102S NPN 30V - 50V 100MA 500NA 50
Q801	0TR150400BA	KTA1504S PNP -5V -50V -50V -0.15A
DIODE		
D100	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1000	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1001	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1002	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1004	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1005	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1006	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1007	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D1008	0DD200009AF	RU2M 400V 1200MV 10UA 20A 400NSEC
D101	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D102	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D103	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D104	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1100	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1101	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1102	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D114	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D115	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D1200	0DD184009AA	KDS184 1200MV 85V 300MA 2A 4NSEC
D1201	0DD184009AA	KDS184 1200MV 85V 300MA 2A 4NSEC
D1202	0DRSE00048A	RCLAMP0504M 1200MV 6V 25V 12A 300W
D1203	0DRSE00048A	RCLAMP0504M 1200MV 6V 25V 12A 300W
D1204	0DRSE00048A	RCLAMP0504M 1200MV 6V 25V 12A 300W

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
D1205	0DRSE00048A	RCLAMP0504M 1200MV 6V 25V 12A 300W
D300	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D500	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D501	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D502	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
D504	0DS226009AA	KDS226 1200MV 85V 300MA 2A 4NSEC
ZD100	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD101	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD102	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD103	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD104	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD400	0DZRM00248A	RLZ8.2B 8200MV 7.78TO8.19V 8OHM
ZD500	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD501	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD502	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD503	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
ZD600	0DR050008AA	SD05 - 6V 14.5V 24A 350W SOD323
CAPACITOR		
C1000	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C1001	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1002	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1003	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C1004	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1005	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1006	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1007	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1008	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1009	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1010	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1011	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1012	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1013	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1014	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1015	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1016	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1017	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1018	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1019	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1020	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1021	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1022	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1023	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1024	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1025	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1026	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1027	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1028	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1029	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C103	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C1030	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1031	0CE476SK6D8	MVG8.0TP50VC47M 47u 20% 50V 140MA

LOCA. NO	PART NO	DESCRIPTION
C1032	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1033	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1034	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1035	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1036	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1037	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1039	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C104	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C1040	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1041	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1042	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1044	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1045	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1046	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1047	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1048	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1049	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C105	0CE4763F618	ESF476M016T1A5E05G 47u 20% 16V 60MA
C1050	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1051	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1053	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1054	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1058	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1059	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1060	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1061	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1062	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1063	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1064	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1065	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1066	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1067	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1068	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1069	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1070	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1071	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1072	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1073	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1074	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1075	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1076	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1077	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1078	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1079	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C108	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C1080	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1081	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1082	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1083	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1084	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1085	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1086	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1087	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1088	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1089	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C109	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C1090	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1091	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1092	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C110	0CC221CK41A	C1608C0G1H221JT 220p 5% 50V C0G
C1100	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1101	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1102	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1103	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1104	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1105	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1106	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1107	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1108	0CE477DJ618	EGR477M035T1G1H20G 470u 20% 35V 760MA
C1109	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C111	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1110	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C1111	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1112	0CE477DJ618	EGR477M035T1G1H20G 470u 20% 35V 760MA
C1113	0CE227WF6DC	MVK8.0TP16VC220M 220u 20% 16V 275MA
C1114	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1115	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1116	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1117	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1118	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1119	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C112	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1120	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1121	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1122	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1123	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1124	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1125	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1126	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1127	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1128	0CE477WF6DC	MVK10TP16VC470M 470u 20% 16V 450MA
C1129	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C113	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1130	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1131	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1132	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1133	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1134	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1135	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1136	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1137	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1138	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1139	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C114	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C1140	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1141	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1142	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1143	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1144	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1145	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1146	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1147	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1148	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1149	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C115	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1150	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1151	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1152	0CE107WF6DC	MVK6.3TP16VC100M 100u 20% 16V 110MA
C1153	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1154	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1155	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1156	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1157	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C1158	0CE476WF6DC	MVK6.3TP16VC47M 47u 20% 16V 48MA
C116	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C117	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C118	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C119	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C120	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1200	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1201	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1205	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1207	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C121	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1212	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1213	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1214	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1215	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1216	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1217	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1218	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1219	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C122	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1220	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1221	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1222	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1223	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1224	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1225	0CC180CK41A	C1608C0G1H180JT 18p 5% 50V C0G
C1226	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1227	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1228	0CK103CK51A	0603B103K500CT 10n 10% 50V Y5P
C1229	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C123	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C1230	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1231	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;

CC, CX, CK, CN : Ceramic
CQ : Polyestor
CE : Electrolytic

RD : Carbon Film
RS : Metal Oxide Film
RN : Metal Film
RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C1235	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1236	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1237	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1238	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1239	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C124	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C1240	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1241	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1242	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1243	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1244	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1245	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1246	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1247	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1248	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C125	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C126	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C127	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C130	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1313	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C132	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C135	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C136	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C137	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C138	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C139	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1401	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1403	0CE106SK6DC	VMV106M050S0ANC010 10u 20% 50V
C1405	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1406	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C141	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1410	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1411	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1412	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1413	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1418	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1419	0CK333CK56A	C1608X7R1H333KT 33n 10% 50V X7R
C142	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C1420	0CK333CK56A	C1608X7R1H333KT 33n 10% 50V X7R
C1421	0CK333CK56A	C1608X7R1H333KT 33n 10% 50V X7R
C1422	0CK333CK56A	C1608X7R1H333KT 33n 10% 50V X7R
C1423	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1426	0CF4741L438	PCMT 365 76474 470n 5% 63V MPE
C1427	0CF4741L438	PCMT 365 76474 470n 5% 63V MPE
C1428	0CE477DJ618	EGR477M035T1G1H20G 470u 20% 35V 760MA
C1435	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1436	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1437	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1438	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1439	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1441	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1446	0CE477DJ618	EGR477M035T1G1H20G 470u 20% 35V 760MA

LOCA. NO	PART NO	DESCRIPTION
C1447	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1448	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1449	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1450	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1455	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1456	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1457	0CK105DF64A	0805F105Z160CT 1u -20TO+80% 16V
C1458	0CK105DF64A	0805F105Z160CT 1u -20TO+80% 16V
C1459	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1460	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1461	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1466	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1467	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C1468	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C1469	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C147	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C1470	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1473	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1474	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C1475	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1476	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C148	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C149	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C150	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C151	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C152	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C174	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C175	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C178	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1800	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1801	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1802	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1803	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C1804	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1805	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1806	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1807	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1808	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1809	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1810	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1811	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1812	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1813	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C1814	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C1851	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C1852	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C200	0CC331CK41A	C1608C0G1H331JT 330p 5% 50V C0G
C201	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C206	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C207	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C208	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C211	0CE477SF6DC	VMV477M016S0ANG030 470u 20% 16V

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C213	0CE477SF6DC	VMV477M016S0ANG030 470u 20% 16V
C215	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C218	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C219	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C220	0CC270CK41A	C1608C0G1H270JT 27p 5% 50V C0G
C221	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C222	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C223	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C224	0CE477SF6DC	VMV477M016S0ANG030 470u 20% 16V
C225	0CK273CK56A	0603B273K500CT 27n 10% 50V X7R
C226	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C228	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C229	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C231	0CK273CK56A	0603B273K500CT 27n 10% 50V X7R
C233	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C234	0CC271CK41A	C1608C0G1H271JT 270p 5% 50V C0G
C236	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C237	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C238	0CE227SF6DC	MVG6.3TP16VC220M 220u 20% 16V 130MA
C312	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C313	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C314	0CE107SF6DC	VMV107M016S0ANE010 100u 20% 16V
C315	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C316	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C317	0CE107SF6DC	VMV107M016S0ANE010 100u 20% 16V
C318	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C319	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C320	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C321	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C322	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C326	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C327	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C328	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C329	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C330	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C331	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C332	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C333	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C334	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C335	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C336	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C337	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C338	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C339	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C340	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C341	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C342	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C343	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C344	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C345	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V
C346	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C347	0CK225DFK4A	C2012Y5V1C225MT 2.2u 20% 16V

LOCA. NO	PART NO	DESCRIPTION
C348	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C349	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C350	0CC102CK41A	C1608C0G1H102JT 1n 5% 50V C0G
C351	0CE105SK6DC	VMV105M050S0ANB010 1u 20% 50V
C352	0CK563CK56A	C1608X7R1H563KT 56n 10% 50V X7R
C353	0CK223CK56A	UMK107JB223KA-T 22n 10% 50V X7R
C354	0CE105SK6DC	VMV105M050S0ANB010 1u 20% 50V
C355	0CK821CK56A	C1608X7R1H821KT 820p 10% 50V X7R
C356	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C357	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C401	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C402	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C403	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C405	0CE107SF6DC	VMV107M016S0ANE010 100u 20% 16V
C406	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C409	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C411	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C412	0CE335VK6DC	VGV335M050S0ANB010 3.3u 20% 50V
C414	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C415	0CC560CK41A	C1608C0G1H560JT 56p 5% 50V C0G
C416	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C428	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C429	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C430	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C431	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C432	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C433	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C434	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C435	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C436	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C437	0CC101CK41A	C1608C0G1H101JT 100p 5% 50V C0G
C438	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C439	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C441	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C442	0CK474CH94A	0603F474Z250CT 470n -20TO+80% 25V
C444	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C445	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C446	0CE335VK6DC	VGV335M050S0ANB010 3.3u 20% 50V
C451	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C452	0CE106SH6DC	VMV106M025S0ANB010 10u 20% 25V
C457	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C458	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C459	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C462	0CK682CK51A	C1608Y5P1H682KT 6.8n 10% 50V Y5P
C463	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C464	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C466	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C467	0CE475SK6DC	VMV475M050S0ANB010 4.7u 20% 50V
C469	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C479	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C483	0CK471CK56A	C1608X7R1H471KT 470p 10% 50V X7R
C493	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C494	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C495	0CK102CK56A	0603B102K500CT 1n 10% 50V X7R
C500	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C501	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C506	0CC120CK41A	C1608C0G1H120JT 12p 5% 50V C0G
C511	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C512	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C514	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C605	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C606	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C607	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C608	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C609	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
C610	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C611	0CE107SF6DC	VMV107M016S0ANE010 100u 20% 16V
C612	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C613	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C614	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C615	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C618	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C619	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C620	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C621	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C622	0CE476SF6DC	VMV476M016S0ANC010 47u 20% 16V
C623	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C624	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C800	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C803	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C806	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C809	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C810	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C812	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C813	0CC300CK41A	C1608C0G1H300JT 30p 5% 50V C0G
C814	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C815	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C816	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C817	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C818	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C819	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C820	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C821	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C822	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C823	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C824	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C825	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C826	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C827	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C828	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C829	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C830	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C831	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C832	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C833	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C834	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C835	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C836	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C837	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C838	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C839	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C840	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C841	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C842	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C843	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C844	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C845	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C846	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C847	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C848	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C849	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C850	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C851	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C852	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C853	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C854	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C855	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C856	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C857	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C858	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C859	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C860	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C861	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C862	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C863	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C864	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C865	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C866	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C867	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C868	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C869	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C870	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C871	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C872	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C873	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C874	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C875	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C876	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C877	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C878	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C879	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C880	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C881	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C882	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C883	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C884	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R

For Capacitor & Resistors, the charactors at 2nd and 3rd digit in the P/No. means as follows;	CC, CX, CK, CN : Ceramic CQ : Polyestor CE : Electrolytic	RD : Carbon Film RS : Metal Oxide Film RN : Metal Film RF : Fusible

LOCA. NO	PART NO	DESCRIPTION
C885	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C886	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C887	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C888	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C889	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C890	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C891	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C892	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C893	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C894	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C895	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C896	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C897	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C898	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C899	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C901	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C902	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C903	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C904	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C905	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C906	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C907	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C908	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C909	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C910	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C911	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C912	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C913	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C914	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C915	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C916	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C917	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C918	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C919	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C920	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C921	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C922	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C923	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C924	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C925	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C926	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C927	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C928	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C929	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C930	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C931	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C932	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C933	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C934	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C935	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C936	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C937	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R

LOCA. NO	PART NO	DESCRIPTION
C938	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C939	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C940	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C941	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C942	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C943	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C944	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C945	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C946	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C947	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C948	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
C949	0CK103CK56A	0603B103K500CT 10n 10% 50V X7R
C950	0CE226SF6DC	VMV226M016S0ANB010 22u 20% 16V
C951	0CK104CK56A	0603B104K500CT 100n 10% 50V X7R
R156	0CC470CK41A	C1608C0G1H470JT 47p 5% 50V C0G
COIL & INDUCTOR		
L1000	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1101	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1105	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1106	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1107	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1110	6140VB0004B	Coil,ChokeLN-15A1 26uH - 12X9MM LEAD
L1404	6140VB0032A	COIL,CHOKEDBF-1015A DONGBANG DIGITECH
L1405	6140VB0032A	COIL,CHOKEDBF-1015A DONGBANG DIGITECH
L1406	6140VB0032A	COIL,CHOKEDBF-1015A DONGBANG DIGITECH
L1407	6140VB0032A	COIL,CHOKEDBF-1015A DONGBANG DIGITECH
L101	0LC1032101A	Inductor, FI-C3216-103KJT 10UH 10%
L102	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L103	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L104	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L105	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L106	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L107	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L108	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L109	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L110	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L111	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L112	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L120	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L121	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L122	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L123	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L204	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L206	0LCML00020G	Inductor, MLI-201209-3R3K 3.3UH 10%
L311	0LCML00020C	Inductor, MLI-201212-100K 10UH 10%
L407	0LCML00020C	Inductor, MLI-201212-100K 10UH 10%
L408	0LCML00020C	Inductor, MLI-201212-100K 10UH 10%
CONNECTOR & HARNESS		
C1	6631900012C	Harness,SingleSMH250 SMH250 200mM 2.50MM
C2	6631900048D	Harness,SingleSMH200 SMH200 700mM 2.00MM

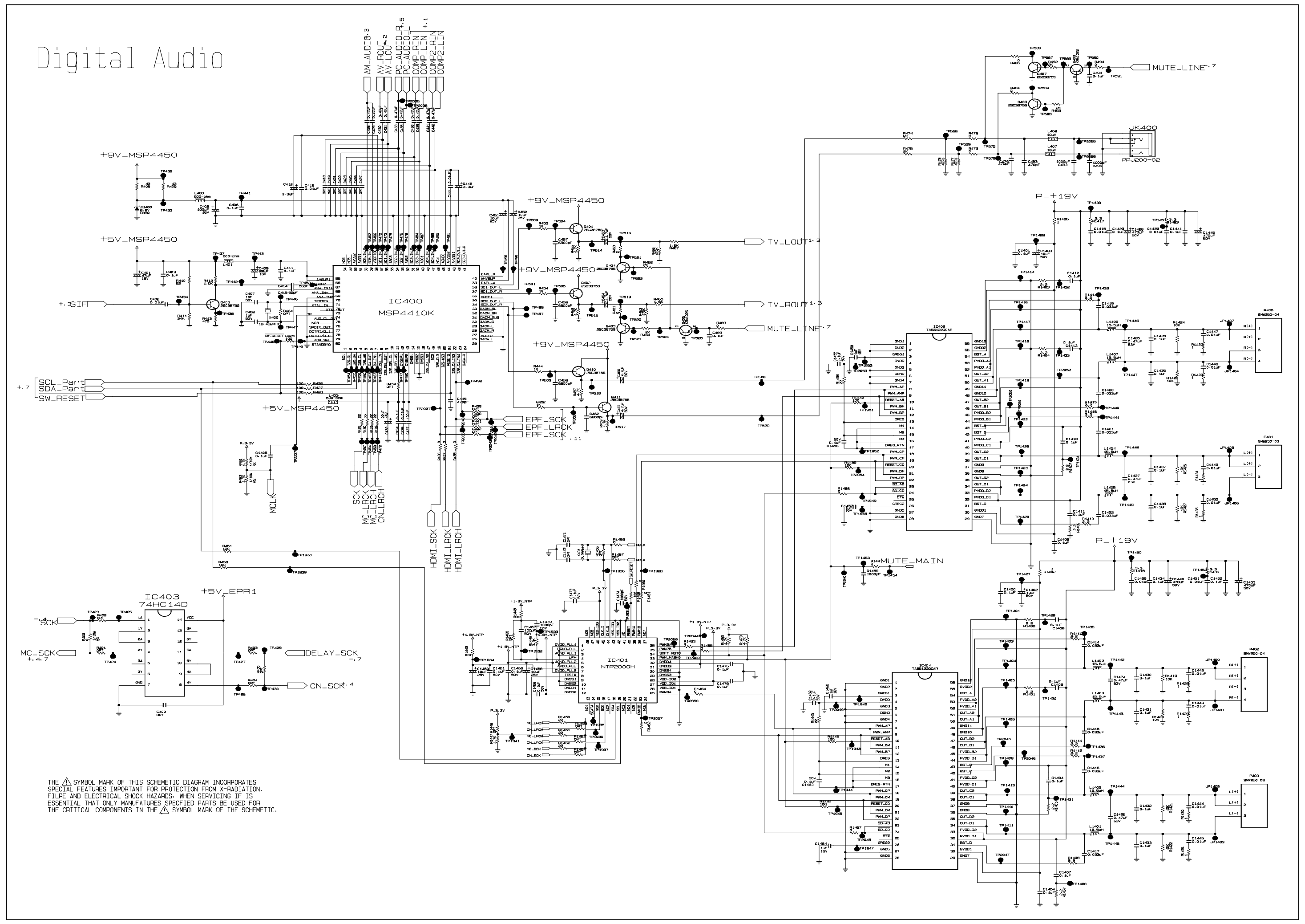
LOCA. NO	PART NO	DESCRIPTION
C3	6631900050D	Harness,SingleSMH200 SMH200 1000mM 2.00MM
C4	6631900097G	Harness,SingleSMH250 35097/35098 950_700mM
C5	6631900098G	Harness,SingleSMH250 35097/35098 1050_700mM
C6	6631T25020L	Harness,SingleSMH250 SMH250 250mM 2.50MM 13P
C7	6631T39004D	Harness,Single 1-1123722-9 1-1123722-9 220mM
C7	6631V39013N	Harness,Single1-1123722-8 1-1123722-8 900mM
JK500	6630G70016A	Conector,DSUBA03-7071-094 D-SUB 15P 2.29MM
JK600	6630G70017A	Conector,DSUBA02-0915-101 D-SUB 9P 2.54MM
RESISTOR		
AR800	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR801	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR802	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR803	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR804	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR805	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR806	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
AR807	0RJ0332C687	RCA86TRJ33R0 33OHM 5% 1/16W
LED		
D1003	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
D1103	0DL233309AC	SAM2333 RED/Y-GREEN 2.7V 2.8V
LD101	0DLAU0410AA	SAW5670 ROUND 5mM AMBER/WHITE
SWITCH		
SW101	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW102	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW103	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW104	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW105	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW106	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW107	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW108	140-313B	Tact, KPT-1115AM 1C1P 12VDC 0.05A
SW800	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
SW900	6600VR1004A	Tact, SKHMPWE010 1C1P 12VDC 0.05A
FILTER & CRYSTAL		
AR1200	6210TCE002B	HB-4M3216-121JT 120OHM
AR1201	6210TCE002B	HB-4M3216-121JT 120OHM
AR1202	6210TCE002B	HB-4M3216-121JT 120OHM
AR1203	6210TCE002B	HB-4M3216-121JT 120OHM
AR1204	6210TCE002B	HB-4M3216-121JT 120OHM
AR1205	6210TCE002B	HB-4M3216-121JT 120OHM
L1001	6200J000013	MLB-321611-0500P-N2 500OHM
L1002	6200J000013	MLB-321611-0500P-N2 500OHM
L1004	6200J000013	MLB-321611-0500P-N2 500OHM
L1005	6200J000013	MLB-321611-0500P-N2 500OHM
L1006	6200J000013	MLB-321611-0500P-N2 500OHM
L1008	6200J000013	MLB-321611-0500P-N2 500OHM
L1011	6200J000013	MLB-321611-0500P-N2 500OHM
L1012	6200J000013	MLB-321611-0500P-N2 500OHM
L1013	6200J000013	MLB-321611-0500P-N2 500OHM

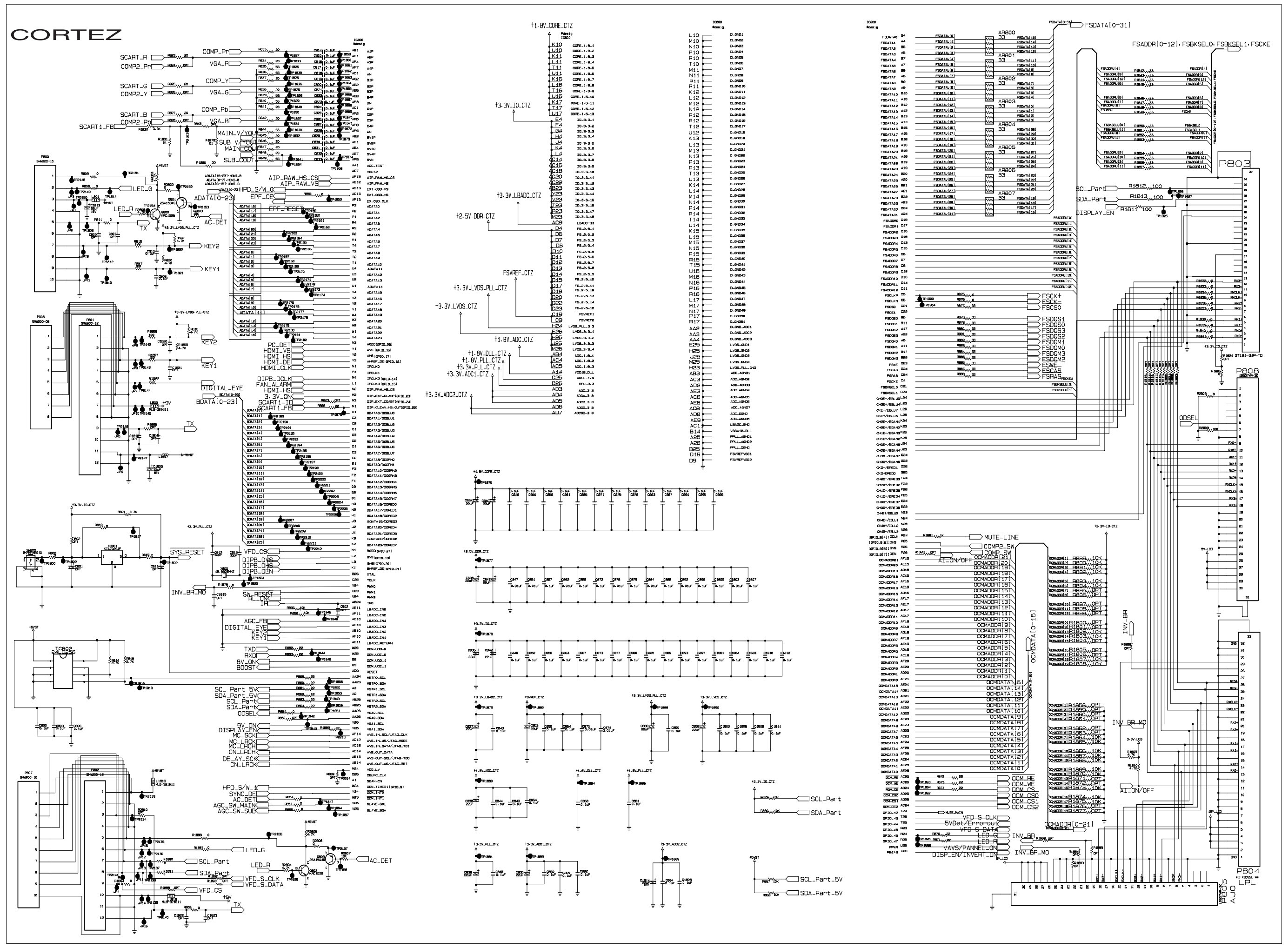
LOCA. NO	PART NO	DESCRIPTION
L1014	6200J000013	MLB-321611-0500P-N2 500OHM
L1015	6200J000013	MLB-321611-0500P-N2 500OHM
L1016	6200J000013	MLB-321611-0500P-N2 500OHM
L1017	6200J000013	MLB-321611-0500P-N2 500OHM
L1018	6200J000013	MLB-321611-0500P-N2 500OHM
L1019	6200J000013	MLB-321611-0500P-N2 500OHM
L1020	6200J000013	MLB-321611-0500P-N2 500OHM
L1021	6200J000013	MLB-321611-0500P-N2 500OHM
L1022	6200J000013	MLB-321611-0500P-N2 500OHM
L1102	6200J000013	MLB-321611-0500P-N2 500OHM
L1103	6200J000013	MLB-321611-0500P-N2 500OHM
L1104	6200J000013	MLB-321611-0500P-N2 500OHM
L1108	6200J000013	MLB-321611-0500P-N2 500OHM
L1109	6200J000013	MLB-321611-0500P-N2 500OHM
L1111	6200J000013	MLB-321611-0500P-N2 500OHM
L1112	6200J000013	MLB-321611-0500P-N2 500OHM
L1113	6200J000013	MLB-321611-0500P-N2 500OHM
L1114	6200J000013	MLB-321611-0500P-N2 500OHM
L1115	6200J000013	MLB-321611-0500P-N2 500OHM
L1116	6200J000013	MLB-321611-0500P-N2 500OHM
L113	6200J000013	MLB-321611-0500P-N2 500OHM
L114	6200J000013	MLB-321611-0500P-N2 500OHM
L115	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L116	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L117	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L118	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L119	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L1200	6200J000013	MLB-321611-0500P-N2 500OHM
L1201	6200J000013	MLB-321611-0500P-N2 500OHM
L1202	6200J000013	MLB-321611-0500P-N2 500OHM
L1203	6200J000013	MLB-321611-0500P-N2 500OHM
L124	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L125	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L1819	6210TCE0013	HB-1M1608-121JT 120OHM
L1820	6210TCE0013	HB-1M1608-121JT 120OHM
L1821	6210TCE0013	HB-1M1608-121JT 120OHM
L1822	6210TCE0013	HB-1M1608-121JT 120OHM
L1823	6210TCE0013	HB-1M1608-121JT 120OHM
L1852	6210TCE0013	HB-1M1608-121JT 120OHM
L1853	6210TCE0013	HB-1M1608-121JT 120OHM
L1854	6210TCE0013	HB-1M1608-121JT 120OHM
L1855	6210TCE0013	HB-1M1608-121JT 120OHM
L1856	6210TCE0013	HB-1M1608-121JT 120OHM
L1857	6210TCE0013	HB-1M1608-121JT 120OHM
L1858	6200J000013	MLB-321611-0500P-N2 500OHM
L1859	6200J000013	MLB-321611-0500P-N2 500OHM
L203	6200J000013	MLB-321611-0500P-N2 500OHM
L205	6200J000013	MLB-321611-0500P-N2 500OHM
L308	6200J000013	MLB-321611-0500P-N2 500OHM
L309	6200J000013	MLB-321611-0500P-N2 500OHM
L310	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L400	6200J000013	MLB-321611-0500P-N2 500OHM

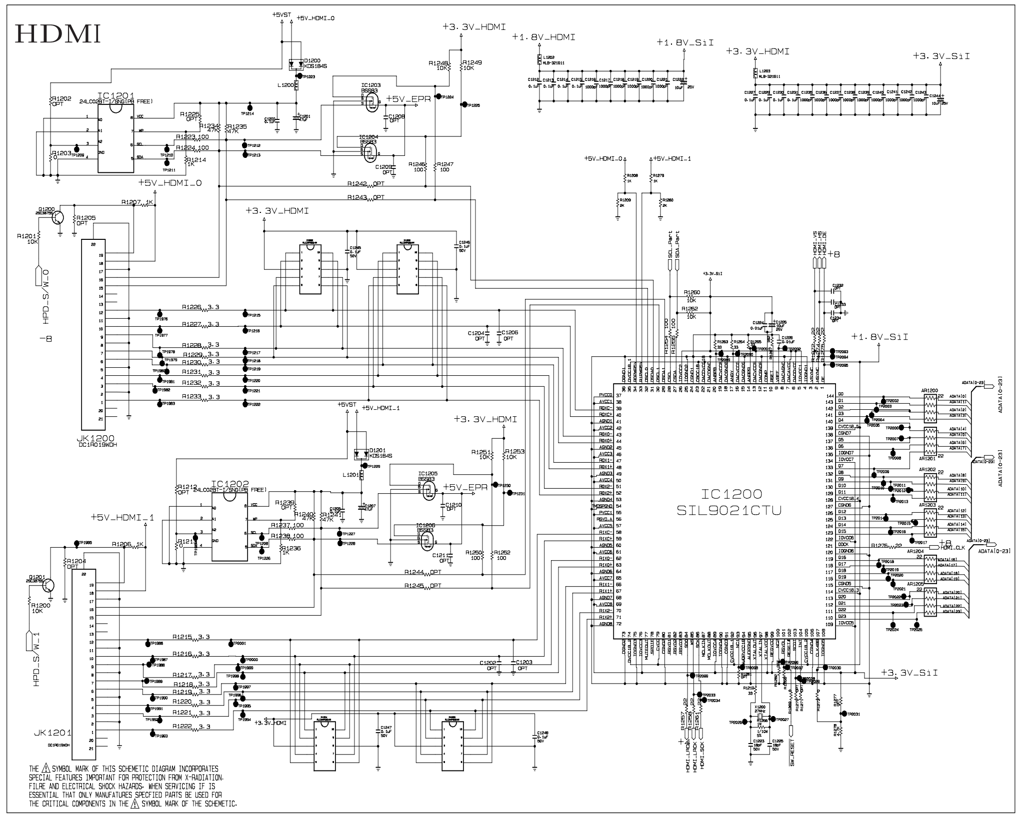
The components identified by mark ⚠ is critical for safety.
Replace only with part number specified.

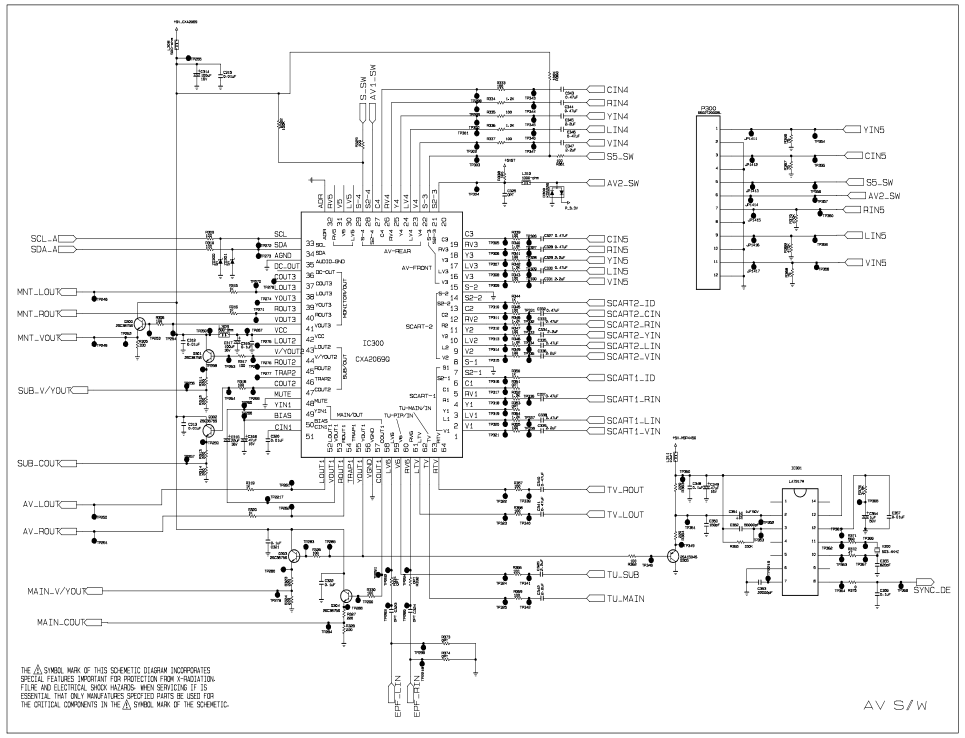
LOCA. NO	PART NO	DESCRIPTION
L401	6200J000013	MLB-321611-0500P-N2 500OHM
L403	6200J000013	MLB-321611-0500P-N2 500OHM
L500	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L501	6200JB8010L	MLB-201209-1000L-N2 1000OHM
L502	6200J000013	MLB-321611-0500P-N2 500OHM
L503	6200J000013	MLB-321611-0500P-N2 500OHM
L600	6200J000013	MLB-321611-0500P-N2 500OHM
L601	6200J000013	MLB-321611-0500P-N2 500OHM
L801	6200J000013	MLB-321611-0500P-N2 500OHM
L901	6200J000013	MLB-321611-0500P-N2 500OHM
L902	6200J000013	MLB-321611-0500P-N2 500OHM
L903	6200J000013	MLB-321611-0500P-N2 500OHM
T1300	6200JB8008S	SCR470R500 EMI - 47p - SMD TP
X1200	6202TST001H	Crystal, SX-1 27MHZ 30PPM 27MHZ 30PPM
X300	166-E02F	Ceramic, CSBLA500KECZF09-B0 500KHZ
X400	156-A02M	Crystal, HC-49/U 18.432MHZ 30PPM
X800	6212AB2844A	Crystal, ABLS-19.6608MHZ-22-B-4Y-T
JACK		
JK100	6612J00043C	Scart, UPJ-R1-031 21P 21P/1C 3.81MM
JK101	6612J00043C	Scart, UPJ-R1-031 21P 21P/1C 3.81MM
JK102	6612J10031A	RCA, PPJ209-02 14.0MM 1RX5C
JK105	6612J10003W	RCA, KCN-BT-0-0048 14.0MM 1RX1C
JK106	6612F00024C	DIN, PSJ014-01 SOCKET 4P ANGLE
JK107	6612J10025A	Complex, KCN-BT-0-0055 4P PAL/RCA
JK1200	6612B00015B	DIN, DC1R019WDH SOCKET 21P
JK1201	6612B00015B	DIN, DC1R019WDH SOCKET 21P
JK400	6612J10043A	RCA, RCA-1302A-54G YUQIU 15MM
JK502	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT
JK601	6612F00099A	Phone, PEJ024-01 1P 4P STRAIGHT
WAFER		
CW1	366-036B	Conector,Wafer53014-1210 12P 2.00MM
P1	6602T20009C	Conector,WaferSMAW200-04P 4P 2.00MM
P100	6602T20009J	Conector,WaferSMAW200-10P 10P 2.00MM
P1000	6602T25008M	Conector,WaferSMW250-13P 13P 2.50MM
P101	6602T20009C	Conector,WaferSMAW200-04P 4P 2.00MM
P1100	6602T25008J	Conector,WaferSMW250-10P 10P 2.50MM
P300	6602T20008L	Conector,WaferSMW200-12P 12P 2.00MM
P400	6602T25008C	Conector,WaferSMW250-04P 4P 2.50MM
P401	6602T25008B	Conector,WaferSMW250-03P 3P 2.50MM
P800	6602T20008J	Conector,WaferSMW200-10P 10P 2.00MM
P803	6602T12007D	Conector,WaferGT121-31P-TD 31P 1.25MM
MISCELLANEOUS		
CA1	68509A0004J	CABLE,COAXIAL RCA R/A TO RCA R/A 150MM
CA2	6850J00005C	Cable,Assembly GT121 HOUSING GT121
IC900	692791145AC	S/W,Firmware V3.00 563 EUROPE FLASH
PA101	6712000011B	Receiver Module, KSM-2013TE2A 4.5TO5.5V
TU201	6700MF0017C	Tuner,Unclassified TAFV-W303P LGIT MULTI FS

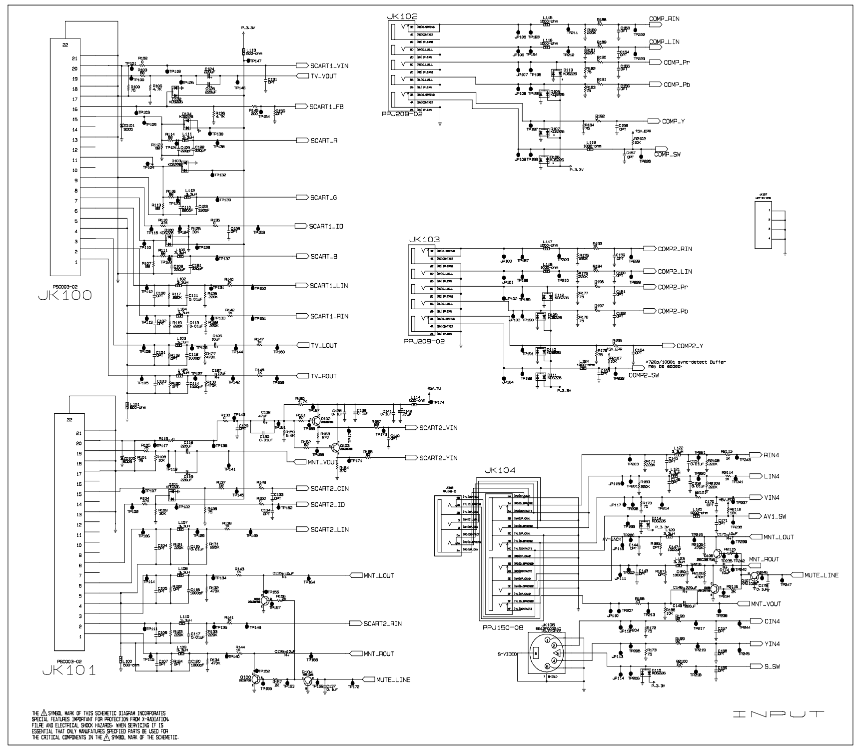
LOCA. NO	PART NO	DESCRIPTION
ACCESSORIES		
A1	38289U0025B	Manual, WESTERN EU USER LP61A 8LANS
	38289U0025Z	Manual, RS-232C USER LP61A ALL EU LANS
A2	6710900010A	Remote Controller, H3-H COMMON PP62A 62KEY
⚠ A3	64109EP003A	Power Cord, SP-023 IS-14 1.87M
A4	4972V00178B	Supporter, WALL FOLDING STAND ONLY

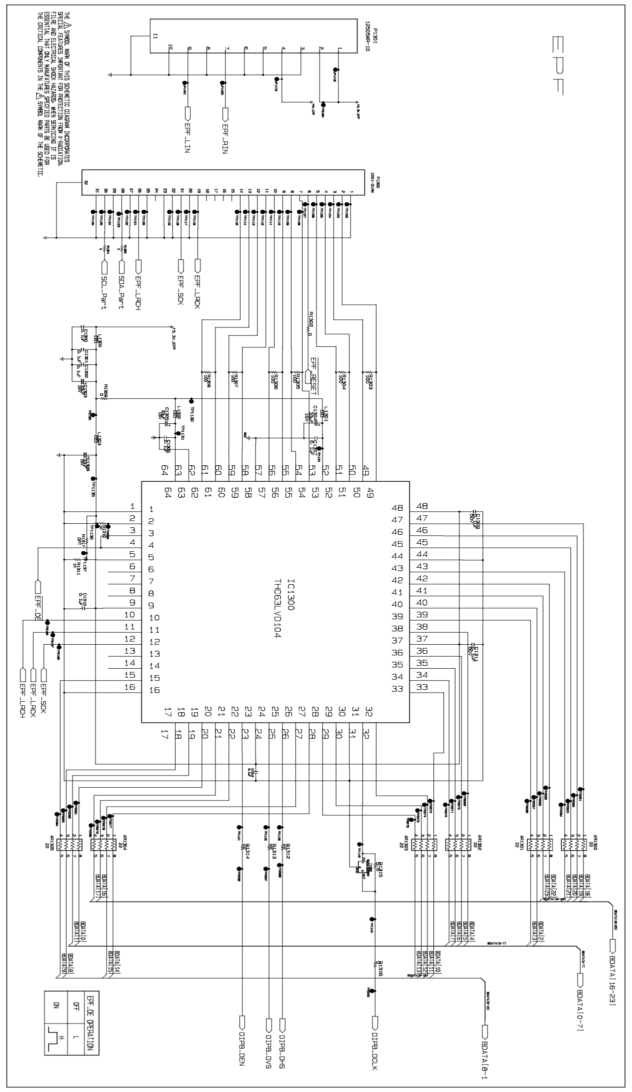

Digital Audio
IC400
MSP4410K
+9V_MSP4450
+5V_MSP4450
TV_LOUT
TV_ROUT
MUTE_LINE
IC403
74HC14D
+5V_EPR1
MUTE_MAIN
P_+19V

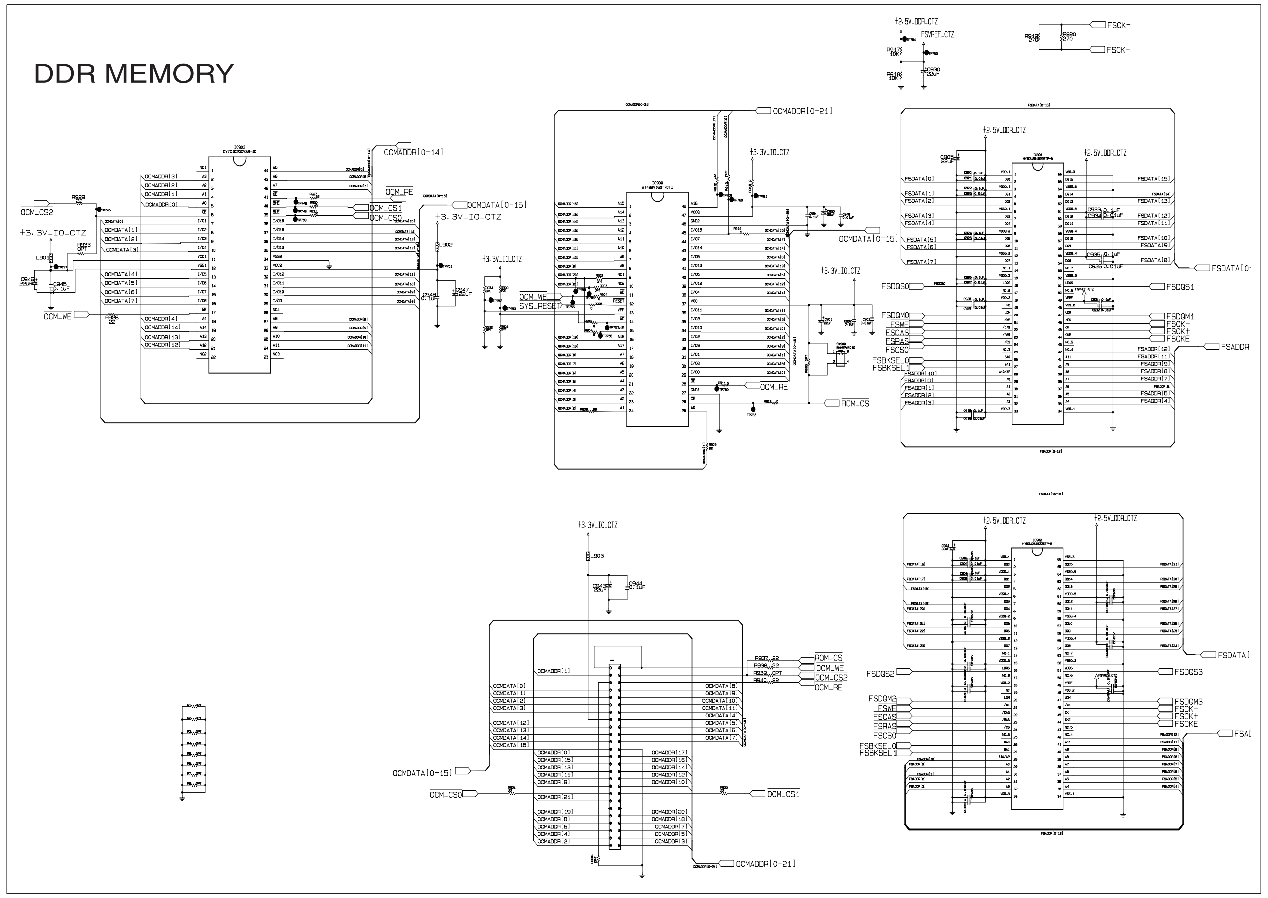

CORTEZ

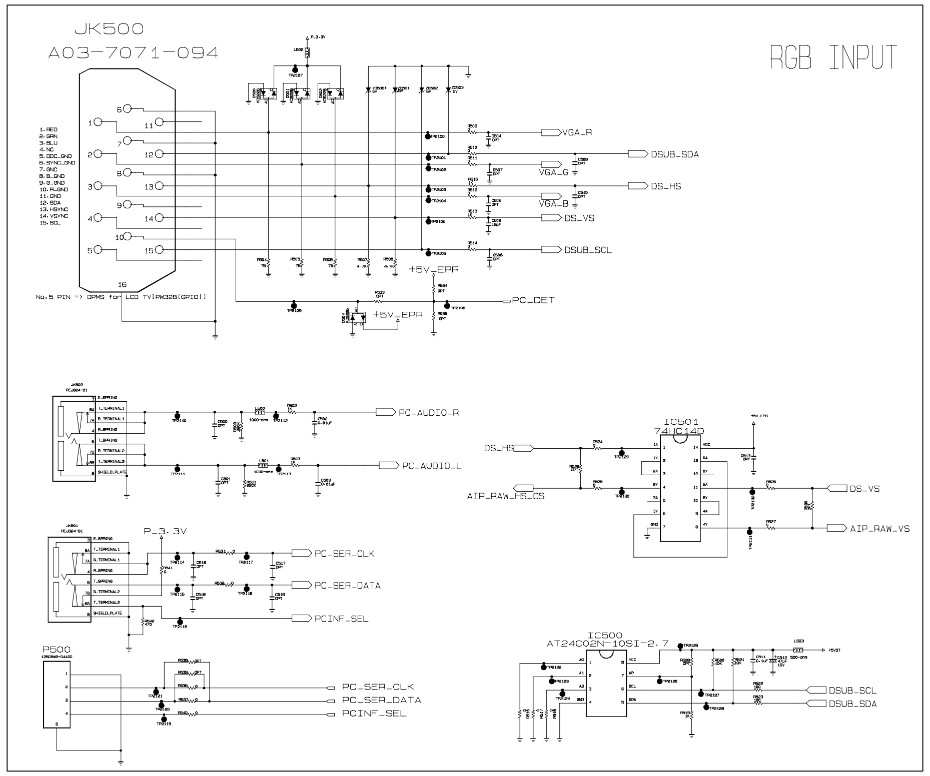

HDMI
IC1200
SIL9021CTU
+3.3V_HDMI
+1.8V_HDMI
+5V_HDMI_0
+5V_HDMI_1
JK1200
JK1201

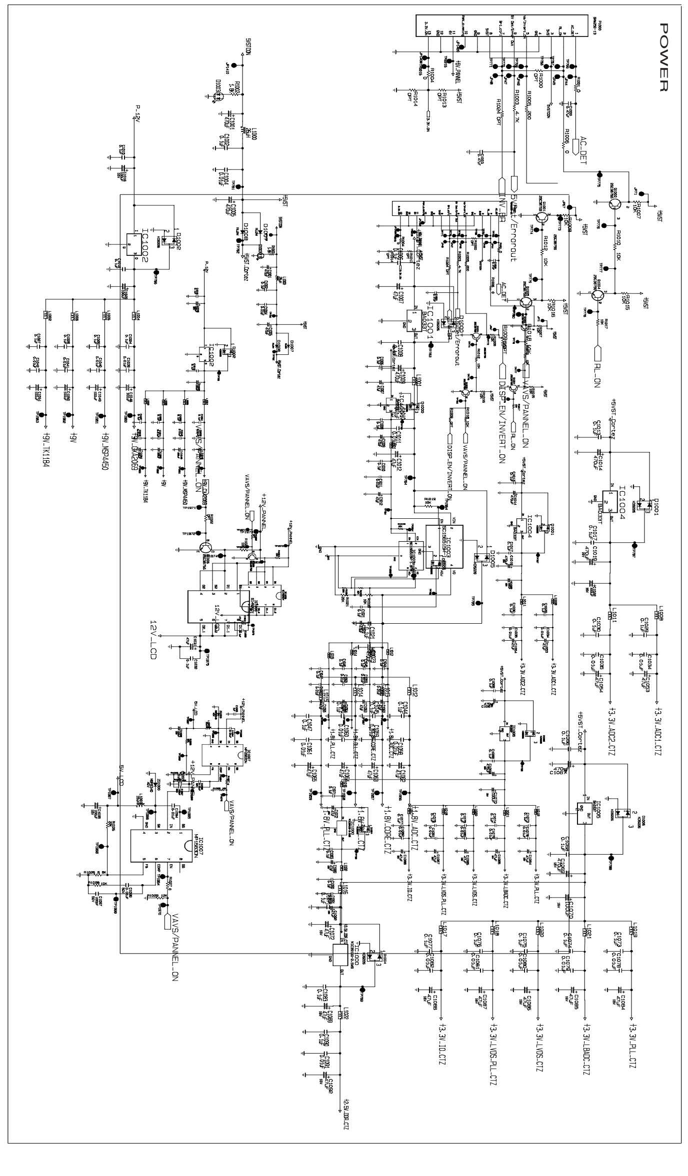

IC300
AV S/W
TV_ROUT
TV_LOUT
TU_SUB
TU_MAIN

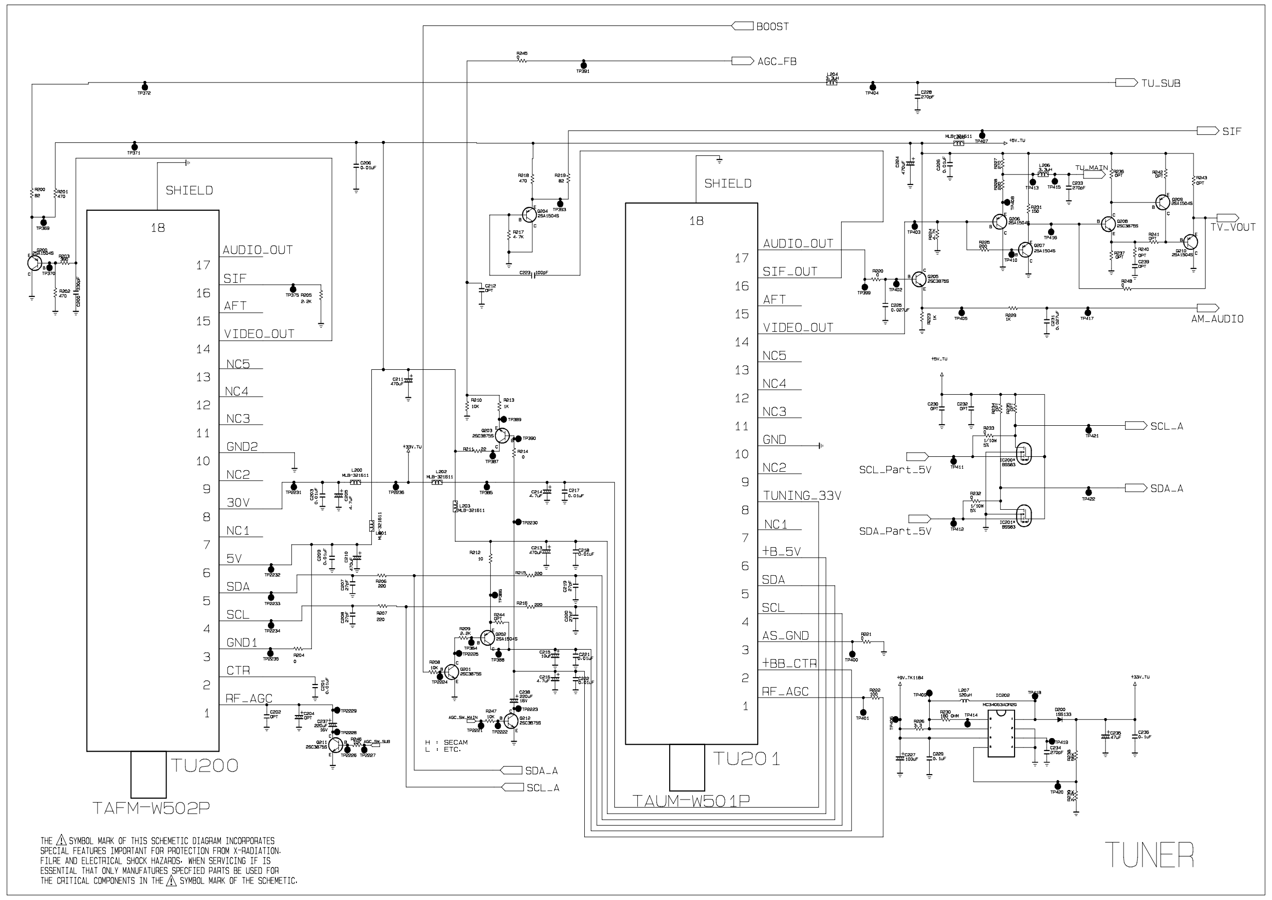

JK100
JK101
JK102
JK103
JK104
INPUT

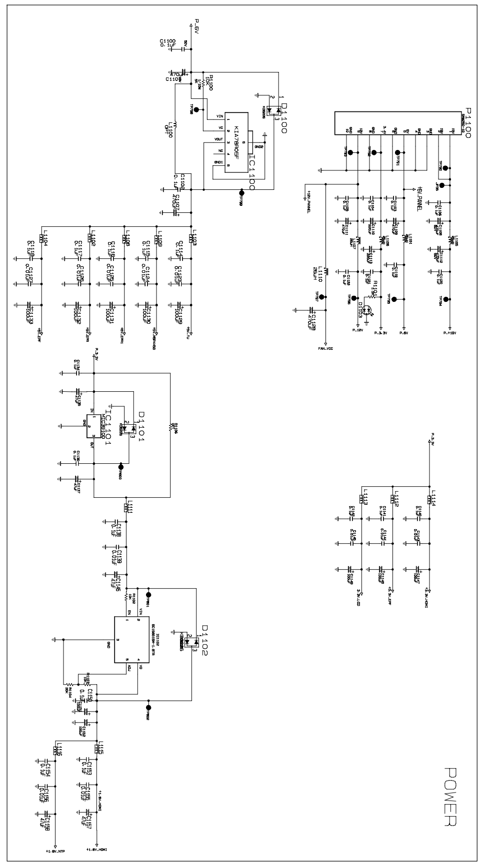

EPF
IC1300

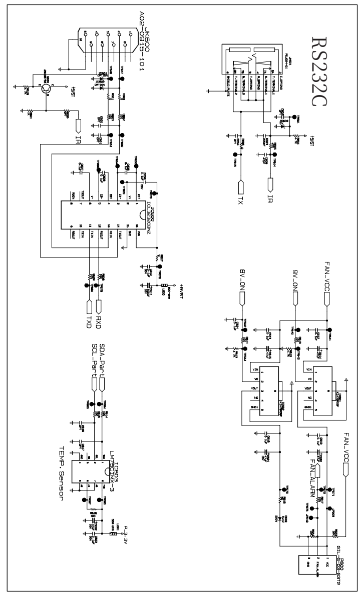

DDR MEMORY
DCM_CS2
+3.3V_IO_CTZ
DCM_WE
DCMADDR[0-14]
DCMDATA[0-15]
DCM_CS1
DCM_CS0
SYS_RESET
DCMADDR[0-21]
RDM_CS
FSDQS1
FSDQS2
FSDQS3
FSDATA
FSADDR
FSCK+
FSCK-


JK500
A03-7071-094
RGB INPUT
VGA_R
DSUB_SDA
VGA_G
DS_HS
VGA_B
DS_VS
DSUB_SCL
+5V_EPA
PC_DET
PC_AUDIO_R
PC_AUDIO_L
IC501
DS_HS
AIP_RAW_HS_CS
DS_VS
AIP_RAW_VS
P_3.3V
PC_SER_CLK
PC_SER_DATA
PCINF_SEL
P500
IC500
AT24C02N-10SI-2.7
DSUB_SCL
DSUB_SDA


POWER


BOOST
AGC_FB
TU_SUB
SIF
TV_VOUT
AM_AUDIO
SCL_A
SDA_A
SCL_Part_5V
SDA_Part_5V
SHIELD
18
AUDIO_OUT
SIF
AFT
VIDEO_OUT
NC5
NC4
NC3
GND2
NC2
30V
NC1
5V
SDA
SCL
GND1
CTR
RF_AGC
TU200
TAFM-W502P
SHIELD
18
AUDIO_OUT
SIF_OUT
AFT
VIDEO_OUT
NC5
NC4
NC3
GND
NC2
TUNING_33V
NC1
+B_5V
SDA
SCL
AS_GND
+BB_CTR
RF_AGC
TU201
TAUM-W501P
SDA_A
SCL_A
TUNER
THE ⚠ SYMBOL MARK OF THIS SCHEMATIC DIAGRAM INCORPORATES
SPECIAL FEATURES IMPORTANT FOR PROTECTION FROM X-RADIATION.
FILRE AND ELECTRICAL SHOCK HAZARDS, WHEN SERVICING IT IS
ESSENTIAL THAT ONLY MANUFATURES SPECIFIED PARTS BE USED FOR
THE CRITICAL COMPONENTS IN THE ⚠ SYMBOL MARK OF THE SCHEMATIC.


POWER
P1100


RS232C

LG Electronics Inc.

P/NO : 38289S0024B

Apr., 2006
Printed in Korea